HAND DELIVERED

Peck Rock & Products 268 East 360 South Lehi, Utah 84043 801-768-4139

FEB 2 5 2009

UTAH DIVISION OF SOLID & HAZARDOUS WASTE 2009. 00691

## PERMIT RENEWAL APPLICATION

# PECK ROCK & PRODUCTS CLASS VI LANDFILL & RECYCLING FACILITY

RENEWAL APPLICATION FOR PERMIT # 0306

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# HAND DELIVERED

# Utah Class IV and VI Landfill Permit Application Form

FEB 2 5 2009

Part I General Information APPLICANT	PLEASE COM	IPLETE ALL SECTIONS		UTALL DIVICION OF				
andfill ☐ Class IVa ☐ Class IVb	Type		lication GOL Application	Modification				
For Renewal Applications Facility Expansion Applications and Modifications Enter Current Permit Number 2009 00691								
/// Facility Name and Location								
Legal Name of Facility Peck Rock and Products Class VI Landfill								
Site Address (street or directions to site) West Lehi & Saratoga Springs Township 6 S F	Site Address (street or directions to site)  West Lehi & Saratoga Springs Township 6 S Range 1 West  Utah							
City Lehi	State UT	Zip Code 84043	Telephone	(801)368-3937				
Township 6 S Range 1 W Section(s) 2 8		Quarter/Quarter Section オロス Swky NE Ky Se	Quarter S	ection				
Mam Gate Latitude degrees 40 minutes 19	seconds 30	Longitude degrees 1	11 minutes	56 seconds 0				
IV. Facility Owner(s) Information	7 · · · · · · · · · · · · · · · · · · ·		*	a de la companya de l				
Legal Name of Facility Owner Clay Peck, Cole Peck								
Address (mailing) 268 East 360 South								
City Lehi	State UT	Zip Code 84043	Telephone	801768-4139/368-3937				
V Facility Operator(s) Information		1 A A						
Legal Name of Facility Operator Peck Rock & Products LLC								
Address (mailing) 1512 North 1300 East								
Lehi	State UT	Zip Code 84043	Telephone	801-768-8111				
VI Property Owner(s) Information	e Pr		4) 1.	X (1) (1) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4				
Legal Name of Property Owner Peck Rock & Products and Utah State Trust Legal Name of Property Owner	ands							
Address (mailing) 268 East 360 South Lehi Utah 84043 6	75 East 500 Sc	outh suite 500 SLC, Utah 8	34102					
City	State	Zıp Code	Telephone					
VII Contact Information			į.					
Owner Contact Clay Peek, Cole Peek		Title Owners						
Address (mailing) 268 East 360 South								
City Lehi	State UT	Zip 84043	Telephone	801-768-4139				
Email Address		Alternative Telephone (cell or other)	80136	8-3937/367-3939				
Operator Contact Peek Rock & Products LLC		Title Cole Peck						
Address (mailing) 1512 North 300 East								
City Lehi	State UT	Zip Code 84043	Telephone	801-768-8111				
Email Address		Alternative Telephone (cell or other)						
Property Owner Contact Clay Peek, Cole Peck		Title Owners						
Address (mailing) 268 East 360 South								
Lehi	State UT	Zip Code 84043	Telephone	801-768-4139				
Email Address		Alternative Telephone (cell or other)	80136	83937				

# Utah Class IV and VI Landfill Permit Application Form

Part I. General Information (Continued)	فيدر أي الهرب العربية السائد الإنسواء الدارا	the first of the f
Waste Types (check all that apply)	IX Facility Area	The state of the second of
Landfill will accept all wastes allowed in Class IV or VI landfills Or	Facility	190 acres
landfill will accept only the following wastes	Area Disposal	acres
Waste Type Combined Disposal Unit Monofill Unit	Area	<u>40</u>
☐ Construction & Demolition ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐	Design Capacity	
☐ Tires         ☐           ☐ Yard Waste         ☐           ☐ Animals         ☐	Years	20
Animals		20
□ Contaminated Soil         □           □ Other         □	Cubic Yards	<u>1000000</u>
Note Disposal of dead animals must be approved by the Executive		
Secretary	Tons	<u>1000000</u>
X Fee and Application Documents		the state of the s
Indicate Documents Attached To This Application	Application Fee Amount \$	Class VI Special Requirements
☐ Facility Map or Maps ☐ Facility Legal Description ☐ Plan of	Operation   Waste Description	☐ Documents required by UCA 19-6-
☐ Ground Water Report ☐ Closure Design ☐ Cost Es	stimates	108(9) and (10)
I HEREBY CERTIFY THAT THIS INFORMATION AND ALL A	ATTACHED PAGES ARE CORR	ECT AND COMPLETE
Signature of Authorized Owner Representative	Title () Nices	Date
lay tout		Nov 1, 2008
Park	Address	1. 1. 1
Name typed or printed	268 E 360 Sui	Now 1, 2008 th Lehi, Ut 84043
Signature of Authorized Land Owner Representative (if applicable)	Title	Date
	Address	
	, radicas	ļ
Name typed or pnnted		
ature of Authorized Operator Representative (if applicable)	Title	Date
	Address	
Name typed or pnnted		
7 - 21		

# APPLICATION FOR RENEWAL TO OPERATE A CLASS VI LANDFILL

## PART I - FACILITY GENERAL INFORMATION

#### Ia. GENERAL INFORMATION

## 12 GENERAL DESCRIPTION OF FACILITY (R315-310-3(1)(b))

Clay Peck and Cole Peck, with regard to State permitting and management rules 301 through 320, plan to operate a Class VI landfill and recycling facility m North Utah County, Utah

There is an existing mining operation of clay and limestone on this property. We have a State mineral lease and rock sales operation on this property and also have a Class IV b Construction and Demolition landfill. We are applying for a Commercial Class VI Construction and Demolition Landfill Permit. We also want to incorporate a recycling facility. All materials that can economically be recycled will then be made available for resale. The remaining material will be placed in the landfill.

We will start our landfill in the portion of the clay pits that have been mined out. Some of these holes have been open for over twenty years. We want our operation to assist in the reclamation of this property.

All materials placed in the landfill will be covered on a regular basis We will operate this Class VI landfill according to the rules in R315-301-2(12)(17)

\*\*\*See attached Maps & Drawings of the Facility \*\*\*

## 1 3 LEGAL DESCRIPTION OF PROPERTY (R315-310-3(1)(c)) NW 1/4 of the NE 1/4 of Section 3 Township 6 South, Range 1 West and Township 6

South, Range 1 West, SLB&M, Section 2 SW1/4 SW1/4 NW1/4, W1/2 NW1/4 SW1/4

## 1 4 PROOF OF OWNERSHIP, LEASE AGREEMENT (R315-310-3(1)(c))

\*\*\*Sce attached Lease Agreements\*\*\*

- 1 5 WASTE TYPE AND ANTICIPATED DAILY VOLUME (R315-310-3(1)(d))
  The types of waste to be handled at this Class VI Landfill are defined m R315-301-2(17)
  This may include but not limited to Construction waste, dirt, asphalt, fencing,
  concrete, building demolition, metal, yard waste, inert waste, bricks, and tree stumps We
  anticipate ten trucks a day
- 1 6 INTENDED SCHEDULE OF CONSTRUCTION (R315-302-2(2)(a)) This is an operating class VI landfill
- 1 7 DOCUMENTATION THAT THE HISTORICAL SURVEY REQUIREMENTS OF R315-302-1(2)(f) HAVE BEEN MET (R315-305-4(1)(b)(v1))
  N/A
- 1 8 NAME AND ADDRESS OF ALL PROPERTY OWNERS WITHIN 1000 FEET OF THE FACILITY BOUNDARY (R315-310-2(1)) N/A
- 1 9 DOCUMENTATION THAT A NOTICE OF INTENT TO APPLY FOR A PERMIT HAS BEEN SENT TO ALL PROPERTY OWNERS LISTED ABOVE (R315-310-3(2)(n))
  N/A
- 1 10 NAME OF THE LOCAL GOVERNMENT WITH JURISDICTION OVER THE FACILITY SITE (R315-310-3(2)(111))
  Utah County

### Ib. LOCATION STANDARDS

- 1 11 FLOODPLAINS AS SPECIFIED IN R315-302-1(2)(c)(11) (R315-305-4(1)(b)(1))
  This location is not within a flood plain area
- 1 12 WETLANDS AS SPECIFIED IN R315-302-1(2)(d) (R315-305-4(1)(b)(11))
  The Utah Lake elevation is 4483' above sea level, Wetlands are near this elevation. The
  Landfill elevation, at the deepest point, is near 4770' above sea level. The distance
  between the two locations is approx 287' in elevation and the Utah Lake is about 2 miles

1 13 THE LANDFILL IS LOCATED SO THAT THE LOWEST LEVEL OF WASTE IS AT LEAST TEN FEET ABOVE THE HISTORICAL HIGH LEVEL OF GROUND WATER (R315-305-4(1)(b)(111))

\*\*\*See attached Maps & Drawings of the Facility \*\*\*

1 14 GEOLOGY AS SPECIFIED IN R315-302-1(2)(b)(1) AND (1v) (R315-305-4(1)(b)(1v))

\*\*\*See attached Maps & Drawings of the Facility \*\*\*

- 1 15 MAPS SHOWING THE EXISTING LAND USE, TOPOGRAPHY, RESIDENCES, PARKS, MONUMENTS, RECREATION AREAS OR WILDERNESS AREAS WITHIN 1000 FEET OF THE SITE BOUNDARY
- 1 16 CERTIFICATIONS THAT NO ECOLOGICALLY OR SCIENTIFICALLY SIGNIFICANT AREAS OR ENDANGERED SPECIES ARE PRESENT IN THE SITE AREA
- 1 17 MAPS SHOWING THE LOCATION OF DWELLINGS, RESIDENTIAL AREAS, OTHER STRUCTURES, AND HISTORIC STRUCTURES
- 1 18 LIST OF AIRPORTS WITHIN FIVE MILES OF FACILITY AND DISTANCE TO EACH

There is no airport within five miles

- Ic. PLAN OF OPERATIONS (R315-310-3(1)(e))
- EXAMPLE OF FORM USED (R315-302-2(2)(b)) and (R315-310-3(1)(f)) All material will be handled by Peck Rock & Products employees All personnel will be trained as to which areas of the pit are to receive specific types of material. All material that cannot be recycled will be placed in the landfill and covered as needed. The waste will be completely covered with six inches of soil at least at least every 30 days or more often if necessary to reduce the possibility of fires and to minimize wind blown litter. Employees will keep records of volume and types of waste delivered to landfill as well as inspect each load to insure that no improper waste will be dumped at this facility. There will be a garbage dumpster on site that any non-approved waste discovered will be placed in and hauled to an approved facility.

# PECK ROCK & PRODUCTS 268 EAST 360 SOUTH LEHI, UTAH 84043 801-768-4139

Date & Time	Truck #	Job Name	Type of Waste	Gross wt.	Light wt.	Net wt.	Driver Sign.
				71			
	_						
1							
							,
					2		
	3						

Peck Rock & Products Class VI Landfill Permit Renewal Application

# 1 20 SCHEDULE FOR INFECTIONS AND MONITORING (R315-302-2(2)(c)), R315-302-2(5)(a), and R315-310-3(1)(g))

Inspection of landfill will be conducted on a regular basis by the operator to insure that all personnel understand and follow all operation requirements in R315-302-2(5), a minimum of once a quarter, but more frequently when necessary

#### INSPECTION AND MONITORING SCHEDULE

Inspection/Monitoring Activity	Frequency
Access Road and Gate	Weekly
Facility Inspection	Quarterly
Landfill equipment maintenance	Per manufacturers recommendations
Closure Final Cover Inspection	During closure activities
Post Closure Inspection/Maintenance	Semi-Annual
Post Closure Monitoring	Semi-Annual

Any deficiencies that are discovered during the inspection or monitoring of the site will be remedied immediately, according to the need or regulations required by DEQ

It is determined that monitoring wells are not required for this facility

# 1 21 CONTENGENCY PLANS IN THE EVENT OF FIRE OR EXPLOSION (R315-302-2(2)(d))

The site is large enough and free of vegetation to allow for containment of fire mithe event that it occurred. Earth moving equipment would be used to suppress fires when possible. Lehi and Saratoga fire departments would be called if fire was uncontrollable. Estimated response time is 15 minutes. See enclosed letter from the Lehi Fire. Department.

# 1 22 PLAN TO CONTROL FUGITIVE DUST AND COVERING OF WASTE (R315-302-2(2)(g))

Recycled asphalt or gravel will be put down on the access road to prevent dust. A water truck will be used to wet the ground in the landfill area to prevent dust problems. Waste piles will be pushed off with a bulldozer or loader. Waste material from screening operation (i.e. fines) will be used to cover demolition & construction debris.

## 1 23 PLAN FOR LITTER CONTROL AND COLLECTION (R315-302-2(2)(h))

A weekly inspection, or on a more frequent basis if necessary, of the access road and landfill site will be performed. All windblown litter from our operation, if any, will be gathered up and disposed of in the landfill. Waste will be covered at least monthly to prevent it from being blown by the wind

# 1 24 PROCEDURES FOR EXCLUDING THE RECEIPT OF HAZARDOUS OR PCB CONTAINING WASTE (R315-302-2(2)(1))

Hazardous materials or material containing PCB's are not allowed within this facility. This is controlled by the limited access, which this facility is operated under. All personnel will be trained to recognize hazardous material and dispose of it properly. All loads that Peck Rock & Product Employees collect and haul will be inspected at time of loading and unloading of material to prevent any hazardous waste. Also, all loads of waste delivered to the landfill by others will be visually inspected as they are unloaded and will be subject to a complete inspection as part of the random inspection program. A thorough inspection of one truck will be performed daily, this will be a random inspection. A record of these inspections will be kept according to UAC R315-303-4(7).

Inspection Sheet

Date & Time	Company	Truck #	Material	Comments /Signature

# 1 25 PROCEDURES FOR CONTROLLING DISEASE VECTORS (R315-302-2(2)(k))

The facility will be kept clean and free of scattered debris. Waste put into the landfill will be covered regularly at least monthly. The most effective approach for the control of vectors at a C&D landfill is the fact that this type of waste does not provide a food source for vectors and therefore, very few animals that could carry diseases are attracted to these landfills.

## 1 26 PLAN FOR ALTERNATIVE WASTE HANDLING (R315-302-2(2)(1))

Material that is not acceptable to enter this landfill will be disposed of at an appropriate facility. There is no monitoring equipment at this facility. The landfill area is large enough, that we would have time to rent equipment if there was a breakdown, but if it was needed the landfill would be temporarily closed until the problem was remedied

# 1 27 GENERAL TRAINING AND SAFETY PLAN FOR SITE OPERATIONS (R315-302-2(2)(o))

All personnel will be trained in CPR and First Aid by a Red Cross certified instructor This certification is good for 2 years. We also will require the training that is offered by the Utah Chapter of the Solid Waste of North America, to recognize unacceptable waste This training will be completed by all employees and certified as necessary. Peck Rock & Products will also have safety meetings for all employees.

# 1 28 ANY RECYCLING PROGRAMS PLANNED AT THE FACILITY (R315-303-4(6))

We also want to incorporate a recycling facility All materials that can economically be recycled will then be made available for resale The remaining material will be placed m the landfill

# 1 29 ANY OTHER SITE SPECIFIC INFORMATION PERTAINING TO THE OPERATION REQUIRED BY THE EXECUTIVE SECRETARY (R315-302-2(2)(p))

Plans, specifications, and other information that the executive secretary considers relevant to determine whether the proposed nonhazardous or hazardous waste operation plan will comply with this part and the rules of the board

## PART II - FACILITY TECHNICAL INFORMATION

- Ha. MAPS
- 2 1 TOPOGRAPHIC MAP

\*\*\*See attached Maps\*\*\*

2 2 MOST RECENT U S GEOLOGICAL SURVEY TOPOGRAPHIC MAP
\*\*\*See attached Maps\*\*\*

# IIb ENGINEERING REPORT, PLANS, SPECIFICATIONS, AND CALCULATIONS

# 2 3 UNIT DESIGN TO INCLUDE COVER DESIGN, FILL METHODS, AND ELEVATION OF FINAL COVER (R315-310-3(1)(b) and R315-310-4(2)(c)(111))

This facility is located on a fill section of land 640 acres. The landfill cell area is approximately 40 acres.

All material that can be recycled will be put in the stockpile area. Non-recyclable material will be disposed of m the landfill. This area is pushed off and covered with dirt on an as needed basis.

The landfill will be brought up to finished elevation, crowning in the center to prevent pooling of water. Then capped with 2' of soil which includes six inches of top soil. Vegetation will be planted to cover the entire cell.

# 2 4 DESIGN AND LOCATION OF RUN-ON AND RUN-OFF CONTROL SYSTEMS (R315-310-4(2)(c)(11))

There will be a dirt berm surrounding the landfill to prevent run-on and run-off of water from a 25 year storm. In addition the entrance road into the landfill face will have a crown to prevent water from entering into the landfill area. Our landfill site is a large hole which would not allow Run Off to escape. The water will be contained because of the natural clay liner and allowed to evaporate

- 2 5 ANTICIPATED FACILITY LIFE AND THE BASIS FOR CALCULATING THE FACILITY'S LIFE (R315-310-4(2)(c)(11)) Twenty years based on average volume and considering construction decline
- 2 6 ENGINEERING REPORTS REQUIRED TO MEET THE LOCATION STANDARDS OF R315-305-4 INCLUDING DOCUMENTATIONS OF ANY DEMONSTRATION OR EXEMPTION MADE FOR ANY LOCATION STANDARD (R315-310-4(2)(c)(1)) N/A

# 2 7 IDENTIFICATION OF BORROW SOURCES FOR FINAL COVER (R315-310-4(2)(c)(1v))

This will include covering landfill with 18" of soil and 6" of topsoil Leveling and seeding area with a seed mix similar to native grasses. The cover material will be produced on-site from screening and recycling operations. There is also areas to get borrow material within facility. As this is a Class VI landfill, liners and monitoring equipment are not required for final closure.

## IId. POST –CLOSURE REQUIREMENTS

- 2 14 POST-CLOSURE CARE PLAN (R315-310-3(1)(h))
  We will follow the Closure and Post Closure requirements m section 315-302-3
- 2 15 SITE MONITORING (R315-310-3-(1)(h))
  Site monitoring will be semi-annual Any deficiencies or problems will be corrected to DEQ Regulations such as, but not limited to fencing/gates, soil cover, vegetation
- 2 16 CHANGES TO RECORD OF TITLE, LAND USE, AND ZONING RESTRICTIONS (R315-310-4(2)(e)(11))

  Upon closure, "Plats and a statement of Fact" concerning this facility will be recorded as a part of the record of title with the Utah County Recorder At the time of closure a determination will be made if changes to the title, land use and zoning are required. If such action is deemed necessary, steps will be taken to assure proper compliance with appropriate regulations.
- 2 17 MAINTENANCE ACTIVITIES TO MAINTAIN, COVER AND RUN-ON/RUN-OFF CONTROL SYSTEMS (R315-310-4(2)(e)(111))
  As this facility is operated as a Class VI landfill only construction debris will be allowed into facility. This will minimize any danger arising from Run-on / Run-off from this facility. The area will be seeded to minimize the effects of erosion from within the facility.
- 2 18 LIST THE NAME, ADDRESS AND TELEPHONE NUMBER OF THE PERSON OR OFFICE TO CONTACT ABOUT THE FACILITY DURING THE POST-CLOSURE CARE PERIOD (R315-310-4(2)(e)(v1))

Any questions or concern during the post-closure care period should be directed to

Peck Rock & Products
268 East 360 South
Lehi, Utah 84043
Telephone # 801-768-4139
Att Clay Peck

## IIe. FINANCIAL ASSURANCE (R315-310-3(1)(j)

# 2.19 IDENTIFICATION OF CLOSURE COSTS INCLUDING COST CALCULATIONS (R315-310-4(2)(d)(iv))

Closure costs for this facility have been determined to be \$19,914.68. This includes management of project, cost of cover material, spreading topsoil and seeding the landfill area. We have a Bank Letter of Credit posted with DEQ for our existing Class IVb Landfill.

#### COST ESTIMATE FOR CLOSURE CONSTRUCTION:

ITEM	UNIT	\$/UNIT	#UNITS	COST	TOTAL
Survey		1000.00	1	\$1300.00	\$1300.00
Contract Admin.		10%		\$975.00	\$975.00
Project Management				\$650.00	\$650.00
Place Cover Material	cyd	\$2.00	6,500	\$13,000.00	\$13,000.00
Re-vegetation	Acre	\$200.00	10	\$2,000.00	\$2,000.00
1% Perf. Bond		1%		\$179.25	\$179.25
10% Contingency fee		10%		\$1,810.43	\$1,810.43
TOTAL					\$19,914.68

# 2.20 IDENTIFICATION OF POST-CLOSURE CARE COSTS INCLUDING COST CALCULATIONS (R315-310-4(e)(iv))

Post-closure care for this facility will include a semiannual inspection of the facility for the duration of the post-closure period. The inspection will identify any areas of deficiency, which may need correction, this may include: significant areas of settlement, fence/gate repair, run-on/run-off control.

#### POST CLOSURE CARE / PECK ROCK & PRODUCTS

ITEM	UNIT	\$/UNIT	#UNITS	COST
Semiannual Inspection	Year	\$200.00	30	\$7800.00
Place topsoil	cyd	\$10.00	100	\$1300.00
TOTAL				\$9100.00

THE POST-CLOSURE CARE COST WILL BE INCLUDED IN THE SURETY BONDING FOR CLOSURE COSTS.

2 21 IDENTIFICATION OF THE FINANCIAL ASSURANCE MECHANISM THAT MEETS THE REQUIREMENTS OF THE RULE R315-309 AND THE DATE THAT THE MECHANISM WILL BECOME EFFECTIVE (R315-309-1(1))

Peck Rock & Products will post a Solid Waste Permitting and Management Bond or Bank Letter of Credit as approved by the Division of Solid and Hazardous Waste The financial assurance will be posted upon acceptance of this Class VI Landfill permit application. At this time we have a bank letter of credit for our existing Class IV b landfill, which should meet the requirements for the Class VI Landfill as well. We also have a reclamation bond for \$190,000 00 posted with Utah Division of Oil Gas and Mimng for the remainder of the mining operation.



# State of Utah

School and Institutional
TRUST LANDS ADMINISTRATION

Jon M. Huntsman Jr Governor Kevin S Carter Director 675 East 500 South Suite 500 Salt Lake City Utah 84102 2818 801-538-5100 801-355 0922 (Fax) http://www.trustlands.com

June 9, 2005

Peck Rock and Products 1512 North 1300 East Leht, Utah 84043

RE Special Use Lease Agreement No 1204

Dear Cole

I am writing in reference to the amendment to SULA No 1204 which was executed May 1<sup>st</sup> of last year. In addition to the terms being extended thru 2017, the rentals and royalty amounts were adjusted. As a reminder, those new rentals and royalty adjustments became effective May 1, 2005 as provided in paragraph number 6, Rental and Royalty Adjustment, of the amended lease. The following represents all amendments to the lease that were executed May 1, 2004.

NOW THEREFORE, LESSOR and LESSEE hereby agree to amend the Lease, effective May 1, 2004, as follows

- The expiration date of the Lease is extended nme (9) additional years, until April 30, 2017
- 2 Paragraph 1 of the Lease is substituted m its entirety by the following
  - Purpose of the Lease The leased premises shall be used by the LESSEE for the purpose of establishing, operating and maintaining a Class VI commercial landfill facility consistent with Utah Department of Environmental Quality permutting criteria LESSEE will coordinate its activities with all other permittees and lessees, as listed in Exhibit "A", so that its activities do not adversely impact existing uses of the leased premises
- Paragraph 2 of the Lease is substituted m its entirety by the following
  - 2 <u>Rental and Royalty</u> LESSEE shall pay the following amounts to LESSOR

Utah!

WHEN RECORDED RETURN TO Peck Rock & Products, LLC 1512 North 1300 East Lehi, UT 84043

PIT 101115;2000 P6 1 of 1 RANDALL A. COUINGTON UTAH COUNTY RECORDER 8000 Dec 21 3:40 pe FEE 10.00 BY 88 RECORDED FOR PECK, CLAY

## **QUIT CLAIM DEED**

PACIFIC COAST BUILDING PRODUCTS, dba Interstate Brick Company, Grantor, hereby quit claims to PECK ROCK & PRODUCTS, LLC of 1512 North 1300 East, Lehi, UT 84043, Grantee, for the sum of \$1000 and other good and valuable consideration, the following described lands in Utah County, Utah

Township 6 South, Range 1 West, SLB&M

Section 2 SW4SW4NW4, W½NW4 SW 1/4

(containing 30 acres, more or less, Tax Parcel ID #59-002-0005)

Subject to easements, restrictions and imneral reservations of record

Peck Rock & Products, LLC, or their successors and assigns, assume all reclamation liability and accept the property m its "as is" condition. The rights of Peck Rock & Products, LLC shall be subordinate to the rights of Grantor under existing and future mmeral leases held by Grantor.

Granted this day of December, 2000

SS

ATTEST:

James P Thompson, Secretary

STATE OF CALIFORNIA

**COUNTY OF SACRAMENTO )** 

Pacific Coast Building Products, dba Interstate Brick Company

David J Lucchetti, President

MARTHAL FIERRO COMM, #1257508
SECOND FORCE: CALFORNA SIGN MENTO COUNTY
THE COMMENTS COUNTY
THE COMME

David J Lucchetti, President of Pacific Coast Building Products Inc, dba Interstate Brick Company, attested by James B Thompson, Secretary, acknowledged to me that said corporation executed the foregoing Quit Claim Deed this The day of December, 2000

My Commission Expires

March 26, 2004

NOTARY PUBLIC

Residing at 10030 Crustal Cruck Dr



# State of Utah

School and Institutional
TRUST LANDS ADMINISTRATION

Chess S. Wallter Coverner Kovin B. Ograve Diverser 676 Meet 800 South Sust 600 Sett 1985 City, ULI): 84102-8418 801-698-0981 (Fave http://www.thuttlende.com

Jaauary 14, 2004

Mr. Deonis R. Downs
Division Director
Utah Solid & Hazardona Waste
P.O Box 144880
Salt Lake City, Utah 84114-4880

RE Special Use Leare Agreemem No 1204

Township 6 South, Range 1 West SI B&M

Section 3 Lot 1 & 2. SW4NE4, SE4NE4 (withm)

Containing 160 00 acres more or less

Dear Mr Downs:

Trust Lands Administration is aware that Peck Rock & Producta, LLC (Peck) bave submetted an appheation to die Department of Environmental Quality for a Class VI Landfill Parmit. This would allow for commercial and demolition waste to be mismed at a site cumently under lease from Trust Lands Administration, as described above.

Pursuaat to a request from Mr. Clay Peck, Trust Lands Administration provides the following information about the above tefereneed Special Use Lease Agreement

Spocial Use Lease Agreement No. 1204 (Lease) was issued to Peck Rock & Products, LLC (Leasee) for a term of eight years, beginning May 1, 2000. The leased premises comain 160.00 aciss m/l. The Lease was issued for die purpose of establishing, operating and maintaining an induantial laodfill site. The Lease provides that the Leasee shall not conduct commencial activities, including the recycling of materials, on the leased promises, and only construction maierials resolving from Lessee's construction and demolition business activities shall be interned on the leaved premises

When this Clars VI Landfill Permit is approved by the Department of Environmental Quality, Trust Landa Administration will proceed to amend our existing Lease to allow ibr a Class VI Landfill Penpit, for commercial and demallinon waste on die leased premises. The terms of the Lease will also be amended at that time



Mr Dennis R Downs January 14, 2004 Page 2

Trust Lands Administrection believes that this Class VI landfill permit is m the best interest of our agency and is in hannony with the furule uses of our property in this area. We also believe that this accelerated use of the site will help resolve significant safety hazards and public interest issues up this sensitive area.

If you have any questions, or if I can provide any additional information please contact me at (801) 538-5100.

Sinceraly,

Kurt M Higgins Realty Spacialist

cc. Kim Cbristy
Tom Faddies
Clay Peck

## SPECIAL USE LEASE AGREEMENT NO. 1204

Fund: School

The STATE OF UTAH, acting by and through the SCHOOL AND INSTITUTIONAL TRUST LANDS ADMINISTRATION, LESSOR, hereby leases to Peck Rock & Products, Co, LLC, a Utah limited liability company, 268 East 360 South, Lehi, Utah 84043, LESSEE, the following described tract of trust land (the 'leased premises') in Utah Cotinty, Utah, to-wit

Township 6 South, Range 1 West, SLB&M., Section 3 Lots 1 and 2, SW4NE4, SE4NE4

containing 160 acres more or less

TO HAVE AND TO HOLD for a term of eight (8) years, beginning May 1, 2000, and expining April 30, 2008, subject to any and all existing valid rights in said land and subject also to the following terms and conditions. LESSOR and LESSEE enter into this Special Use Lease Agreement (the "Lease") for the purpose that LESSEE develop the land in the manner hereinafter described and consistent with the principles and objectives of land development expressed and unphoit in the Enabling Act of Utah (Act of July 16, 1894, Ch. 138, 28 Stat. 107) and Article X of the Constitution of the State of Utah. The LESSEE takes this Lease subject to the continued regulation of the School and Institution Trust Lands Administration pursuant to the rules of the Trust Lands Administration as they may be adopted hereafter.

- 1 Purpose of Lease. The leased premises shall be used by LESSEE for the purpose of establishing, operating and maintaining an industrial landfill. Lessee shall not conduct commercial activities, including the recycling of materials on the leased premises, only construction materials resulting from LESSEE's construction and demoliuon business activities shall be interned on the leased premises. LESSEE acknowledges that other uses are presently permitted by LESSOR on the leased premises. LESSEE will coordinate its activities with all other permittees and lessees, as histed on Exhibit "A," so that its activities do not adversely impact existing uses of the leased premises.
  - 2 Rental and Royalty LESSEE shall pay die following amounts to LESSOR
- a. LESSEE shall pay annually in advance to die LESSOR, as rental for the subject tract, the siun of Five Thousand Dollars (\$5,000 00) This rental amount shall apply for the first two (2)-year penod of this lease. Thereafter the rental shall be adjusted pursuant to paragraph 6 below LESSOR acknowledges the receipt of Eight Thousand Four Hundred Fifty Dollars (\$8,450 00) which is payment of rental for die year May 1, 2000 dirough April 30, 2001, and which includes a Two Hundred Fifty Dollar (\$250 00) application fee and a Seven Hundred Dollar (\$700 00) lease processing charge and Two Thousand Five Hundred dollars for the quarterly advance royalty payment for the penod June 1, 2000 through August 31, 2000. In the event LESSEE fails to pay the rental for a penod of one (1) month from the date such rent is due, and upon expuation of a written notice from LESSOR to LESSEE requiring performance within thuty (30) days, LESSOR shall deem LESSOR to be m default and the LESSOR may forfeit die

LESSEE's interest m the Lease and all improvements or take other legal remedies avadable at law

- b LESSEE shall also pay to LESSOR, a royalty m the amount of Two Dollars and Twelve Cents (\$2 12) per ton of material interned on the leased prenuses. LESSEE shall make an advance annual minimum royalty payment to LESSOR for the use of the leased premises in the amount of Ten Thousand Dollars (\$10,000.00). The advance minimum royalty shall be paid m quarterly installment payments of Two Thousand Five Hundred Dollars (\$2,500.00) on or before the first day of March, June, September and December during the term of this Lease. Advance minimum royalty payments shall be credited against actual production royalties for the lease year in which they accrue and may not be earned forward from year to year. Each truck load of material transported to the leased premises will be weighed on certified scales and a ticket issued for each load. The tickets will be made available to LESSOR upon its request LESSEE's fadure to timely submit advance minimum royalty payments shall constitute a default inder this Lease, provided, however, that LESSEE may remedy such default by paying LESSOR. One Hundred Ten Percent (110%) of the amount of the delinquent advance minimum royalty payment within thirty (30) days after written notice of such default is given by LESSOR.
- 3 Operations LESSEE shall submit to LESSOR a detailed plan of operations and obtain approval before commencing its activities. The plan of operations shall provide
- a. mtemed materials will be placed in lifts not to exceed ten (10) feet m thickness and each of the lifts of construction material will be covered with a lift of rock or borrow material m compacted lifts of not less than six (6) feet in thickness,
- b intermed materials will be covered weekly, the leased premises will be inspected daily and no waste or litter will remain outside the internment area,
- c each truckload of materials shall be accompanied by a copy of the State of Utah Department of Health certificate of inspection and copies shall be made available to LESSOR upon written request, and
- d no materials including common varieties of sand and gravel, topsod, clay, rock, subsoil, earthen fill or engineered fill present at the leased premises may be utilized by LESSEE unless LESSEE first obtains a materials permit or minerals lease from LESSOR at a royalty rate to be determined by LESSOR
- 4 Reclamation LESSEE shall submit to LESSOR a detailed plan of reclamation and obtam LESSOR approval prior to commencing its activities. The plan of reclamation will provide for the final capping of the impoundment areas and allow for positive drainage and reestablishment of surface plant cover. The plan of operations is subject to modification at any time by LESSOR.
- 5 <u>Due Diligence</u> LESSEE agrees that if, at the end of a one (1)-year penod, LESSEE has not substantially completed the improvements to be made to the land, as specified m Paragraph 1 above, LESSOR shall thereafter have the night to terminate this Lease by giving written notice thereof to LESSEE Such termination shall be effective thirty (30) days after the

giving of such notice LESSOR shall have the right, in heu of such termination, to grant extensions m writing to such due diligence requirement, as LESSOR deems advisable in its sole discretion

- Rental and Royalty Adjustments LESSEE agrees that LESSOR shall have die nght to adjust the rentals and royalties provided for m Paragraph 2 at the end of the secund-year penod, and every two years thereafter, as LESSOR shall deem to be reasonably necessary m its best interest. The annual rental will be adjusted on the review dates utilizing an index approved by LESSOR. The first review date will be May 1, 2002. Additionally, LESSOR and LESSEE contemplate that the leased premises shall be annexed into the Tovm of Saratoga Springs and m that event if LESSEE becomes obligated to pay the Town of Saratoga Springs for each ton of mitemed materials, LESSOR shall reduce its royalty rate in a like amount, not to exceed Twenty Five Cents (\$0.25).
- 7 Permitting: Coigphance LESSEE shall obtam and keep m effect a conditional use permit from Utah County to operate an industrial landfill on the leased premises and LESSEE shall obtam and keep in effect a permit from the State of Utah Department of Environmental Quality, Division of Solid and Hazardous Waste to operate an industrial landfill on the leased premises LESSEE, in exercising the privileges granted by this Lease, shall comply with the provisions of each of these permits and all Federal, State, County, and Mimicipal laws, ordinances, and regulations which are applicable to the leased premises and operations covered by this Lease
- 8 <u>Survey Monuments</u> LESSEE shall take reasonable precautions to protect, in place, ail public land survey monuments and imvate property comers
- 9 Access LESSEE agrees to permit LESSOR free and unrestricted access to and upon the leased premises at all reasonable times for all lawful and proper purposes not moonsistent with the intent of this Lease or with the reasonable exercise and enjoyment by the LESSEE of the nights and privileges granted herem. LESSEE will provide LESSOR with keys to any locked gates erected on the property pursuant to paragraph 26
- 10 Antiquities It is hereby understood and agreed that all treasure-trove and all articles of antiquity in or upon the leased premises are and shall remain the property of the State of Utah LESSEE shall report any discovery of a "site" or "specimen" to LESSOR and the Division of State History in compliance with the provisions of Section 9-8-305, Utah Code Annotated (1953), as amended and take such action as may be required for the protection of said site or specimen
- 11 <u>Default</u> In the event of a default or breach by LESSEE and LESSEE's faulure to cure such default or breach, LESSOR may at any time and with or without notice do any one or more of the following
- a. Re-enter the leased premises, remove all persons and property, and repossess and enjoy such premises.

- b Terminate this Lease and LESSEE's nght of possession of the leased premises. Such termination shall be effective upon LESSOR's giving written notice and upon receipt of such notice LESSEE shall immediately surrender possession of the leased premises to LESSOR. Upon such termination, all improvements on the leased premises shall, at LESSOR's discretion, be forfeited and become the property of the LESSOR subject only to any previously approved waiver of meterest or security meterest.
- c Mamtain this Lease m full force and effect and recover any rental, royalty, or other consideration as it becomes due without terminating LESSEE's right of possession regardless of whether LESSEE shall have abandoned the leased preimses
- d The LESSOR may seek damages for any and all violations or defaults with or without canceling this Lease. In the event LESSOR deems the breach or default to constitute a threat to safety, life, or property it may elect to intervene immediately, without notice, to remedy the breach or default and LESSEE hereby agrees to repay LESSOR for all costs in remedying the breach or default upon demand, together with interest thereon from the date of expenditure at the rate set forth in this Lease. Alternatively, LESSOR may require LESSEE itself to act immediately to remedy the breach or default, should LESSOR deem it a threat to safety, life, or property.
  - e Exercise any other nght or remedy which LESSOR may have at law or eqmty
- 12 <u>Survival</u>. LESSEE agrees that all obhgations of LESSEE to be performed prior to the expiration or earlier tennination shall not cease upon the tennination or expiration of this Lease, and shall continue as obhgations until fully performed. All clauses of this Lease which require performance beyond the termination or expiration date shall survive the termination or expuation date of this Lease. However, upon expiration or earlier termination of this Lease, the rights of LESSEE and of all persons, firms, corporations, and entities claiming under LESSEE in and to the leased premises and all improvements hereon, unless specified otherwise in this Lease, shall cease
- Lessor's Right to Cure Defaults If LESSEE fails to perform and is in default of any undertaking or promise contained herein, including those set forth m any plan of development, the LESSOR shall have the option, but is not obligated, to make such performance after giving 10 days written notice to the LESSEE The LESSOR's costs and expense to correct LESSEE's fadure to perform shall be reimbursed by LESSEE and shall be immediately due and payable, together with interest account from the date such cost or expense is incurred
- 14 Remedies Cumulative The specified remedies to which the LESSOR may resort under the terms of this Lease are cumulative and are not intended to be exclusive of any other remedies or means of redress to which LESSOR may lawfully be entitled m case of any breach or threatened breach by LESSEE of any provision of this Lease
- 15 Force Majeure The LESSEE's failure to comply with any of the obligations under this Lease shall be excused only if due to causes beyond LESSEE's control and without the fault or negligence of the LESSEE, including acts of God, acts of ine public enemy, acts of any

government, fires, floods, epidemics and strikes. LESSEE's obligation to pay rentals will not be suspended by any event of feree majeure

- 16 <u>Bond</u> LESSEE agrees to funush LESSOR a performance and reclamation bond m such type and amount and by such date as LESSOR may request. Further, it is expressly agreed that LESSOR may at any time, upon 30 days notice by certified mail, require LESSEE to furnish LESSOR such additional performance and reclamation bond as LESSOR may deem to be m the best interest of the State of Utah. No use of the leased prenuses is permitted until said perfonnance bond is in place.
- 17 Improvements upon Termination or Expiration. Upon the expiration or earlier termination of this Lease, LESSEE shall have the right to remove from the leased prenuses all personal property and fixtures. All physical improvements attached to the land shall become the property of LESSOR upon such expiration or termination, provided that by written notice given within thirty (30) days of such expiration or termination, LESSOR may require LESSEE to remove any such improvements at LESSEE's sole cost and expense, m which event LESSEE shall cause such unprovements to be removed and the land restored within sixty (60) days of the giving of such notice
- 18 Indenmity LESSEE agrees to protect, indemnify and save harmless the LESSOR, its agents and employees, from and against all claims, demands, damages, and causes of action of every kind or character on account of bodily unjunes, death, or damage to property arising because of, for, out of, or many way connected with the performance of this agreement, except where such mjury, death, or damage has resulted from the sole negligence of the LESSOR, without negligence or willful act on the part of the LESSEE, its agents, employees, or subcontractors, it being the intent of this provision that the LESSEE indemnify the LESSOR and its agents and employees regardless of whether or not such mjury, death, or damage is caused m part by the LESSOR, its agents and employees LESSEE shall defend all suits brought upon such claims and pay all costs and expenses meidental thereto, but the LESSOR shall have the night, at its option, to participate in the defense of any such suit without reheving the LESSEE of any obhgation hereunder

#### 19 Insurance

- a. <u>Bodily Injury. Property Damage and Other Insurance</u> In addition to the msunance required in a. above, LESSEE, at its sole cost and expense, shall purchase and maintain during the entire term the following insurance, subject to the terms and conditions set forth mc belov
- (1) Comprehensive boddy mjury and property damage hability insurance against claims for bodily mjury, death, or property damage, occurring in, on, or about the leased premises (including any injury, death, or property damage ansing from a hazardous activity permitted under the Lease), such insurance to afford minimum protection during the entire term of not less than One Million Dollars (\$1,000,000 00) in respect of bodily injury or death to any one person or in respect of any one accident, and of not less than One Million Dollars (\$1,000,000 00) for property damage, the foregoing dollar amounts being subject to increase by the percentage increase in the CPI not more frequently than every five (5) lease years, provided that LESSEE

shall not carry less than the amount or scope of coverage customary m the mming and constmetion industries from time to time, and,

- (11) During any penod of building construction, including the construction of the imital improvements, and all alterations and restorations
- (a) Bmlder's Risk Insurance written on the Completed Value Form or on the Monthly Reporting form,
- (b) Workers compensation insurance covering all persons employed m coimection with the work and with respect to whom death or bodily injury claims could be asserted against LESSOR, LESSEE, or the premises, and
- c <u>Conditions and Requirements of Insurance</u> All insurance required by this Article and any additional insurance maintained by LESSEE with respect to the leased prenuses and improvements shall
  - (1) Name LESSOR as loss payee or additional insured as its interest may appear;
- (u) Be effected under vahd and enforceable policies issued by insurers of recognized responsibility that are licensed to do business in the State of Utah, including insurance pools or nsk management arrangements which may generally provide such insurance coverage in the mining and construction industry(s) from time to time,
  - (III) Expressly waive any nght of subrogation against LESSOR, and.
  - (iv) Have attached thereto
- (a) An endorsement that such policy shall not be canceled without at least thirty (30) days' pnor written notice to LESSOR, and,
- (b) An endorsement to the effect that no act or omission of LESSEE shall invalidate the interest of LESSOR therein.
- (v) Provide that the insurance coverage for the State or LESSOR is primary and not contributing, that other insurance of the State or LESSOR is excess over the insurance required by this Lease, and, the amount of the insurance company's liability or coverage limits required by this Lease shall not be reduced by the existence of other State or LESSOR insurance
- d Copies of Pohcies to Lessor Upon the commencement date, and thereafter not less than thirty (30) days prior to the expiration dates of the policies furnished pursuant to this Article, LESSEE shall deliver to LESSOR policy copies of certificates thereof, in the case of bodily injury and property damage liability insurance, bearing notations evidencing the payment of prenuums or accompanied by other evidence of such payment
- e <u>Adjustments</u> LESSOR and each mortgagee shall have the nght to participate m the adjustment of any msurance claim filed by LESSEE relating to any insurance required by this

Article to the extent necessary to protect their respective interests in the leased premises and the improvements

### 20 Condemnnhon.

#### a Tojal taking

- (1) Termination and distribution If at any time during the term of this Lease, the whole or the leased premises is taken by condemnation or odier act of eminent domain (a "Taking" or "Taken")
- (a) this Lease shall termmate and expire on the date of such Taking and LESSEE shall pay within thirty (30) days after the date of Taking all lease rentals accrued to the date of Taking.
- (b) LESSEE shall comply with all of its other obligations under this Lease up to the date of Takmg, and
  - (c) LESSEE's share of any condemnation award shall be disbursed to LESSEE

#### b Partial taking

- (1) Continuation of Lease If at any time during the term of this Lease title to less than the whole of the leased premises bas been Taken, LESSEE shall have the right but not the obligation to continue this Lease LESSEE may, within thirty (30) days after receiving its share of the condemnation award, give notice of its election to terminate this Lease, provided that each mortgagee consents in writing to such termination
- (u) Proceedings LESSOR, LESSEE, and any mortgagee shall have the night to participate in respect of their respective interests in any proceeding of purchase negotiations relating to any Taking. In case of any Taking, LESSEE shall bear its proportionate share of all reasonable costs and fees, including reasonable counsel fees and expenses incurred in the determination and collection on any condemnation award. LESSOR shall bear only such costs, expenses, and fees as it may authorize in writing
- 21 <u>Assignment and Sublease</u>. LESSEE shall not assign this Lease, in whole or in part, nor sublease the leased premises, nor allow unauthorized or commercial use of the leased premises widiout obtaining the prior written consent of LESSOR
- a. In granting such approval, LESSOR reserves the nght to change the terms and conditions of this Lease as it may affect the sublessee/assignee. The LESSOR shall be entitled to consider, among other items, the proposed sublessee's/assignee's financial condition, managerial capability, business reputation, nature of the proposed sublessee's/assignee's business, the then current fair market rental value of the premises, and such other factors as may reasonably bear upon the suitability of the sublessee/assignee or transferee as a tenant of the leased premises or the holder of this Lease

- b Approval may also be conditioned on, among other items, additional payment to reimburse the LESSOR for any additional costs of management or losses of payments resulting from the assignment
- c Consent of the LESSOR to an assignment or transfer shall not constitute a waiver of the LESSOR's right to approve subsequent assignments or transfers. The acceptance by LESSOR of payment or performance following an assignment or transfer shall not constitute consent to any assignment or transfer, and LESSOR's consent shall be evidenced only m writing
- d. An assignment does not constitute a new lease but is a continuation of the existing Lease
- 22 <u>Mineral Exploration</u> LESSOR expressly reserves die nght to lease the leased premises to third parties for mineral exploration and/or development purposes together with the nght to grant the mmeral lessee reasonable access by ingress and egress to and from the mineral estate through the surface estate in connection with mineral exploration and/or development, but without damage to improvements made by LESSEE
- 23 <u>Title</u> LESSOR claims title m fee sunple but does not warrant to LESSEE the validity of tide to the leased premises. LESSEE shall have no claim from damages or refund against the LESSOR for any claimed failure or deficiency of I ESSOR's title to said lands or for interference by any third party. LESSEE takes possession subject to all existing encumbrances, nights-of-way, or encroachments as may exist or be of record. Possession is subject to a reservation of nights-of-way as may be necessary to access other state land.
- 24 <u>Water Rights</u> If LESSEE shall imitate or establish any water nght on the leased preimses, such nght shall become an appurtenance of the leased premises. LESSEE agrees that any existing application to appropriate water on the leased premises shall be transferred to LESSOR after the application has been completed, without any cost to the State. It is expressly understood and agreed that this Lease does not confer any nghts upon LESSEE to use any water presently developed.
- 25 Fire LESSEE shall at all times observe reasonable precautions to prevent fire on the leased premises and shall comply with all applicable laws and regulations of any governmental agency having jurisdiction. In the event of a fire on the leased premises proximately caused by LESSEE, its servants, employees, agents, sublessees, assignees or licensees which necessitates suppression action, LESSEE agrees to reimburse LESSOR for the cost of such fire suppression action
- 26 Fencing In addition to the requirements of the permi sobiained from State and County regulatory agencies, LESSEE shall keep the leased premises gated, fenced, locked and take other precautions as necessary to insure no unauthonized materials are intermed on the leased premises. LESSEE shall fence and gate the leased premises at its own expense.
- 27 <u>Waste</u> LESSEE shall neither commit nor pennit any waste on the leased preimses LESSEE shall maintain said lands in good condition and at its own expense, free from any nimerance. Surface and subsurface areas will be cleaned of all trash, debns, and waste of any kind.

to the satisfaction of the LESSOR. LESSEE shall maintain the leased premises to standards of repair, orderlmess, neatness, samtation, and safety as required by law and applicable regulations

28 <u>Pollution</u> LESSEE shall be bound by ail of the environmental regulatory programs, including air quality, water pollution and water quality, solid and hazardous waste management and underground storage tanks, and other conditions as contained m the provisions, conditions, and rules and regulations developed under authority of Tide 19, Utah Code Annotated (1953) as amended

#### 29 Hazardous, Toxic, or Harmful Substances

- a. LESSEE shall not make, or suffer to be made, any filhing in of the lease premises or any deposit of, refuse, garbage, asbestos, dead animals, agricultural wastes, batteries, liquids of any type, tires, paint, radioactive materials, chemical, biological or other wastes, hydrocarbons, any odier pollutants, or other matter within or upon the lease premises, except as approved m writing by the LESSOR and as provided specifically for elsewhere in this Lease. If the LESSEE fails to remove all non-approved fill material, refuse, garbage, wastes or any other of the above materials from the lease premises, the LESSEE agrees that the LESSOR may, but is not obligated to, remove such materials and charge the LESSEE for the cost of removal and disposal
- b LESSEE shall not keep on or about the lease premises any substances now or hereinafter designated as or contauung components now or hereinafter designated as hazardous, toxic, dangerous, or harmful, and/or which are subject to regulation as hazardous, toxic, dangerous, or harmful by any federal, state or local law, regulation, statute or ordinance (heremafter collectively referred to as "Hazardous Substances")

#### c LESSEE shall

- (1) Irrunediately notify the LESSOR of (1) all spills or releases of any Hazardous Substance affecting the prermses, (u) all failures to comply with any federal, state or local law, regulation or ordinance, as now enacted or as subsequently ejucited or amended, (ui) all imspections of the premises by, or any correspondence, orders, citations, or notifications from any regulatory entity concerning Hazardous Substances affecting the preimses, (1v) all regulatory orders or fines or all response or interim cleanup actions taken by or proposed to be taken by any government entity or private party concerning the leased prenuses, and
- (2) On request, provide copies to the LESSOR of any and all correspondence, pleadings, and/or reports received by or required of LESSEE or issued or written by LESSEE or on LESSEE's behalf with respect to the use, presence, transportation or generation of Hazardous Substances related to the leased premises
- d LESSEE shall be fully and completely liable to the LESSOR, and shall indemmfy, defend, and save harmless LESSOR and its agencies, employees officers, and agents with respect to any and all damages, costs, fees (including attorneys' fees and costs), penalties (civil and criminal), and cleanup costs assessed agamst or imposed as a result of LESSEE's use, disposal, transportation, generation and/or sale or Hazaidous Substances or that of LESSEE's

employees, agents, assigns, sublessees, contractors, subcontractors, licensees or myitees, and for any breach of this subsection

- 30 No Partnership. The LESSOR is not a partner nor a joint venturer with the LESSEE in collection with the activities conducted and business earned on under this Lease and the LESSOR shall have no obliganon with respect to the LESSEE's debts or other liabdities
- 31 <u>Time of Essence</u> Time is expressly declared to be of the essence of this Lease and each and every covenant of LESSEE hereimder
- 32 <u>Amendments</u> Any amendments, revisions, supplements, or additions to this Lease or the attached exhibits shall be made in writing executed by the parties hereto, and neither LESSOR nor LESSEE shall be bound by verbal or implied agreements
- 33 Entire Agreement This written Lease or its successor or replacement contams the entire agreement of the parties hereto with respect to the matters covered hereby, and no other agreement, statement or promise made by any party hereto, or to any employee, officer or agent of any party hereto, v/tach is not contamed herem, shall be binding or valid
- 34 <u>Invahdity</u> If any term or provision of this Lease or the application thereof to any person or circumstance shall to any extent prove to be invalid, unenforceable, void, or illegal, the remainder of this Lease, or the application of such term or provision to persons or circumstances other than those as to which it is invalid or imenforceable, shall be not affected thereby, and each term and provision of this Lease shall be valid and be enforced as written to the fullest extent permitted by law
- 35 Consent to Smt The LESSEE consents to suit in the courts of the LESSOR in any dispute arising under the terms of this Lease or as a result of operations earned on under this lease. Service of process in any such action is hereby agreed to be sufficient if sent by certified mail to the LESSEE at the last known address of LESSEE appearing on the LESSOR's records
- 36 <u>Venue</u>. The LESSEE agrees for itself, its heirs, successors and assigns that any smt brought by the LESSEE, its heirs, successor or assigns concerning this Lease may be maintained only in the Utah State District Court of Salt Lake County
- 37 No Waiver of Conditions Waiver by the LESSOR of any default of the LESSEE or finding of the LESSOR to timely enforce any provisions of this Lease shall not constitute a waiver of or constitute a bar to subsequent enforcement of the same or other provisions of this Lease No provision m this Lease shall be construed to prevent the LESSOR from exercising any legal or equitable remedy it may otherwise have
- 38 <u>Inspection of Books</u>. LESSEE shall permit any authorized representative of the LESSOR to examine all books and records pertaining to its operations and royalties payable to LESSOR under the Lease at their regular place of business with reasonable notice, and to make copies of and extracts from such books and records if desired

- 39 Right to Audit The LESSOR has die nght to audit the LESSEE's performance of the terms and conditions of this Lease Nevertheless, it is the continuing duty of the LESSEE to faithfully perform all of the terms, conditions, and obligations of this Lease, including, but not lunited to, the duty to properly calculate and render to the LESSOR any and all amounts due Any term, condition, provision, or obligation subject to change or interpretation shall be deemed self-executing, and shall in no way shift or relieve the LESSEE of its continuing duties and obligations
- 40 Attorney's Fees In the event the LESSOR shall prevail in any action or smt for the enforcement of any impulsion of this Lease or concerning this Lease m any marmer, the LESSEE shall pay to the LESSOR a reasonable attorney's fee on account thereof
- 41 Lessor's Lien. LESSOR shall have at all times a valid hen for all rentals and other sums of money beconung due hereunder from LESSEE, upon all goods, wares, equipment, fixtures, fimuture and other personal property of LESSEE situated on the leased premises, and such property shall not be removed therefrom without the consent of the LESSOR until all arrearage m rent as well as any and all other sums of money then cue to LESSOR hereunder shall first have been paid and discharged Upon the occurrence of any event of default by LESSEE, LESSOR may, m addition to any other remedies provided herem or by law, enter upon the leased premises and take possession of any and all goods, wares, equipment, fixtures, f inuture and other personal property of LESSEE situated on the leased premises without liability for trespass or conversion, and sell the same with or without notice at public or private sale, with or without having such property at the sale, at which LESSOR or its assigns may pun base, and apply the proceeds thereof less any and all expenses connected with the taking of possession and sale of the property, as a credit agamst any sums due by LESSEE to LESSOR. Any surplus shall be paid to LESSEE and LESSEE agrees to pay any deficiency forthwith Alternatively, the hen hereby granted may be foreclosed m the maimer and form provided by law fur foreclosiue of security interest or m any other form provided by law. The statutory hen for rent is not hereby waived, the express contractual hen herem granted being m addition and supplementary thereto Anything herein to the contrary notwithstanding, purchase money financing of LESSEE's removable trade fixtures and equipment shall not be a default. LESSEE will execute upon LESSOR's request a financing statement and security agreement evidencing LESSOR's security mterest in LESSEE's personal property and warrants to LESSOR that there are no pnor hens or secunty mterest on said personal properties
- 42 <u>Notice</u> Any notice contemplated herem to be served upon LESSEE shall be m writing and shall be deemed sufficient if deposited m the Umted States mail, postage prepaid ai.d certified or registered, and addressed as follows

Peck Rock & Products, Co, LLC 268 East 360 South Lehi, Utah 84043

or at any such other address as LESSEE may from time to time designate by written notice to LESSOR

43 <u>Responsibilities of Successors</u> The provisions hereof shall inure to and be finding upon the successors and assigns of LESSEE

**LESSOR:** 

STATE OF UTAH
SCHOOL AND INSTITUTIONAL
TRUST LANDS ADMINISTRATION
675 East 500 South, Sinte 500
Salt Lake City, Utah 84102-2818

By Dand Jun DAVID T TERRY, DIRECTOR

APPROVED AS TO FORM JAN GRAHAM ATTORNEY GENERAL

Dawn Soper

**Assistant Attorney General** 

Date

LESSEE:

Peck Rock and Products, Co, LLC 268 East 360 South

Lehi, Utah 84043

Ву

STATE OF UTAH )
COUNTY OF SALT LAKE )
On the day of, 2000, perso ally appeared before me David T Terry, who being by me duly sworn did say that he is the Director of the School and Institutional Trust Lands Adimmstration, and the signer of the above mstrument, who duly acknowledged that he executed the same
Given under my hand and seal this 19th day of Juy, 2000
My conmussion expires 2 19 13 Notary Pilbhc
GOMME TITMUS  GOMME GIVEN STOR  GOMME GIVEN STOR  GOMME GIVEN STOR  GOMME GIVEN STOR  GOMME TITMUS  GOMME TITMUS
STATE OF UTAH )  COUNTY OF UTAH )
On die 18 day of 7014, 2000, personally appeared before me  Clay 1906, who being by me duly sworn did say that  (s) be is the 1710165 of Peck Rock and Products Co, LLC and the authorized signer of the above instrument, who duly acknowledged that (s) he executed the same
Given under my hand and seal this 18 day of, 2000
My commission expires  Notary Public  NOTARY PUBLIC  SOGRA C. TOLIMAN  SED East Main Labit. Ulait \$4043 My Commission Expires Marco SS 2004

#### **EXHIBIT "A"**

## Current penmttees and lessees

- ML 46231-Clay and Cole Peck (DBA Peck Rock and Products), 1512 North 1300 East, Lehi, Utah 84043
- ML 17806-Interstate Bnck, 9780 South 5200 West, West Jordan, Utah 84088
- ML 46994-Clay and Cole Peck (DBA Peck Rock and Products) 1512 North, 1300 East, Lehn, Utah 84043
- ML 44800-Interstate Bnck, 9780 South 5200 West, West Jordan, Utah 84088
- ML 46841-Interstate Bnck, 9780 South 5200 West, West Jordan, Utah 84088
- GP 22121, Sale Vacher, P.O. Bos 265, Goshen, Utah 84633
- SULA 673-Energetic Solutions, Inc., 9781 South Mendian 3lvd, Suite 400, Englewood, Colorado 80112
- ESMT 61- Reid Wayman, 3505 North West Lake road, Lehi, Itah 84043
- ROW 3135-Pacificorp, (DBA Utah Power), 1407 West North 1 emple, Property Department Room 110, Salt Lake City, Utah 84140



COMPANY NAME	
--------------	--

Nº

3043

Cole and Clay Peck

PROJECT I	NAME		
	· ·· ····-	 	

JOB NUMBER \_ DATE \_\_ TRUCK NUMBER NO OF LOADS GROSS WEIGHT VEHICLE ACCUMULATIVE NET TIME TYPE OF MATERIAL TONS WEIGHT WEIGHT WEIGHT 10 12 13 14 15 16 17 18 19 20 21 22 23 TOTAL

COLE PECK Cell 801-367-3939 Res 801-768-8111



CLAY PECK Cell 801-368-3937

Res 801-768-4139

5201 North 12199 West • Utah County

3**6**33**6**  $N_{\tilde{o}}$ 

DELIVERY DATE		LEAVE PLANT		ARRIVE JOB		LEAVE JOB		MINIMUM LOAD		
TIME										
COMPANY NAME										
ADDRES	S									
CITY PHONE										
JOB LOCATION/ NUMBER			TRUCK NUMBER			METHO	METHOD OF PAYMENT			
	□ VISA □ MO			C CHECK CASH						
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WEIGHT WEIGHT					WEIGHT					
We Appreciate Your Business'							SALE	S TAX		
NOTICE TO BUYER/OWNER Failure of this Contractor to pay								E IIS		
those persons supplying material or services to complete this contract can result in the filing of a Mechanics Lien on the										
property which is the subject of this contract pursuant to Utah Code Annotated Sect. 38 1 1 et seq.										
If filed a \$100 00 mechanics lien fee will be levied. To avoid this result you may ask this contractor for Lien Waivers, from all persons supplying material or services for the work described in this										
contract Failure to secure Lien Waivers may result in your paying for labor and material twice SALES CONTRACT TERMS. Payment In full is due by the 30th day of each month following the										
invoice date. In the event payment is not made when due. I or we agree to pay reasonable collection										
fees lien fees and attorney fees with or without suit together with 1 1/2% per month FINANCE CHARGE which is an ANNUAL PERCENTAGE RATE of 18% until paid Signature by buyer/owner/										
agent or receipt of material constitutes acceptance of above including Peck Rock Company standard										
credit terms  HAZARDOUS AND HOUSEHOLD WET WASTE  This landfill is for CONSTRUCTION WASTE										
ONLY no hazardous or household wet waste will be accepted. By signing this invoice you certify no hazardous or household wet waste in your load. If hazardous or household wet waste is found in										
your load you agree to pay for all clean up and removal of waste										
THE UNDERSIGNED acknowledges that he/she is the Buyer or an authorized agent for the buyer and agrees on behalf of the Buyer to all the terms and conditions set forth herein. Refusal to sign										
									and conditions	
							_			
Rec d by				<del></del>			_ Date _			



### PECK ROCK & PRODUCTS INSPECTION REPORT

Type of Inspection: Dady / Weekly / Monthly / Quarterly / Semiannually (circle one) Performed by: Date. **Overall Condition** Satisfactory / Needs Work\* 1 Structures & Roads Fences & Gates Access Roads / Ditches / Screeming Berm \_\_\_\_\_/\_\_\_ 2 Landfill Operations Fence & Gates Litter Control / Protective Cover Daily Cover Intermediate Cover \_\_\_\_\_ Fmal Cover Equipment Stormwater Ditches 3. Leachate Pond Fence & Gates Depth Gage Liner System / Influent Pipe Gravity Sewer 4. Monitoring Facilities Weed Control\_\_\_\_ Groundwater Wells Gas "Wells" Specify the work needed and the timeframe **Other Comments:** 

### PECK ROCK & PRODUCTS CLASS VI LANDFILL

### **INSPECTION REPORT**

DATE	INSPEC	TOR
	SATISFACTORY	UNSATISFACTORY
*Water Run on-Run off  *Fence Imes/Gates  *Waste Handling  * Cover of Waste  Corrective Action Required		
Comments		
Signature		



### **Daily Inspection of Loads**

Date \_\_\_\_\_

	Name of Company	Contents of Load
Inspected by		
Driver Name		Total Tons



## Lehi Fire Department 176 North Center Lehi, Utah 84045

768-7130

January 9, 2004

TO The Division of Solid & Hazaidous Waste

FROM Lehi Fire Department

RE Peck Rock and Products construction knidfill

To whom it may ococem.

The company Peck Rock and Products has approached the Lchi Fire Department about the construction and demolition landfill that they currently own, located at Township 6 south Range 1 west section 3 in Utah County jurisdiction. We have advised them that we are in mutual aide with the Utah County and Saratoga Springs and would respond to this site if any emergency were to arise.

I have talked with the owners and we are both with the understanding that this landfill will be used for construction materials and demolition purposes only. They will not be allowed to store any hazardous materials of any kmd in tins landfill.

Respectfully,

Dale Ekins, Chief

Och Thin

Lehi Fire Department



Municipal Engineering Transportation Engineering Development Engineering NEPA Environmental Services

November 5, 2003

Division of Solid & Hazardous Waste Attn Mr Carl Wadsworth P O Box 144880 Salt Lake City, Utah 84114-4880

RE 30-year population growth expectancies for cities withm a 30 mile radius of the proposed Class VI Landfill m Saratoga Spnngs, Utah

Dear Mr Wadsworth,

Mr Clay Peck of Peck Rock Products, Inc has asked me to evaluate the 30-year population growth expectancies for cities within a 30 mile radius of his proposed Class VI Landfill in Saratoga Spnngs, Utah I liave researched data provided by the Mountainland Association of Government (MAG), and other related existing landfill data in response to lus request My conclusions are shown below

- 1) Within Utah County, about twelve cities are considered to be within a 30-mile radius of the proposed Class VI Landfill in Saratoga Springs. The Average Annual Rate of Change (AARC) of these twelve cities is 3 79%, with Orem being the lowest at 0 67% AARC, and Saratoga Springs being the highest at 11 08% AARC. Study of this data also indicates that many of the closest cities to this proposed landfill are projected to double or triple in population by the year 2030. The City of Saratoga is the closest city in proximity to this landfill, and the MAG information indicates that by the year 2030 the City of Saratoga is expected to increase is population to be over twenty times its year 2000 population.
- 2) Withm Sah Lake County, about five cities are considered to be within a 30-mile radius of the proposed Class VI Landfill m Saratoga Springs. The AARC of these five cities is 5 28% with Draper (pt) being the lowest at 2 40%, and Herriman being the highest at 9 10%. Draper, Riverton, and South Jordan Cities are expected to more than double in population by the year 2030. Bluffdale and Herriman cities are expected to increase m population to be over ten times the year 2000 population.
- 3) In the early 1990's the Lmdon Solid Waste Transfer Station began operation. It is my understanding that during the first year of operation, approximately 80,000 Tons of waste was disposed of Last year the Lindon Solid Waste Transfer Station disposed of over 200,000 Tons of waste

In conclusion, the MAG information indicates that a large amount of growth is expected within the southern portion of Salt Lake County and the northern portion Utah County Based on this information, and the apphrable Solid Waste Transfer Station information, it appears very likely that an additional landfill will be needed within northern section of Utah County within the very near future

I have attached a copy of the Utah Municipal / County Population Projections data for Salt Lake and Utah Counties I have also shaded in yellow the cities within each of these counties that appear to be within a 30-ninle radius of your proposed landfill site Please feel free to call me if you have any questions concerning this information

Sincerely,

Brad A Kenison, P E

Q \2003\03135-PECK ROCK\Conespondence\30-year growth expectancy doc

766 E Utah Valley Drive Amencan Fork UT 84003 Telephone 801 756 8888 Facsimile 801 756 8881 www.civilscience.com

#### **Utah Municipal/County Population Projections**

#### Sovernors Office of Planning and Budget / MPO's / COG's - Utah

#### Population - 2000 / 2010 / 2020 / 2030

Source GOPB & State Association of Governments

Listed by County
Utah County data produced August 2002
Summit & Wasatch Counties data produced March 2003
Ali other counties data produced January 2000

C. MALLY	Тура	2000		2020		AASE
SALT LAKE	COUNTY	848,083	1,028,508	1,223,218	1,383,907	1 60%
Aita	town	410	497	591	669	1 60%
Bluffdale	city	4,455	10,825	28,782	48,326	8 30%
Draper (pt )	city	19,862	31,133	35,957	40,123	2 40%
Herriman	City	1,060	2,397	5,929	14,519	9 10%
Holiaday	City	14,256	14,812	16,842	18,956	1 00%
Midvale	city	26,688	27,924	31,972	36,238	1 00%
Murray	city	34,151	39,483	41,015	41,778	0 70%
Riverton	city	26,849	63,226	70,981	75,057	3 50%
Salt Lake City	city	172,930	177,641	182,599	187,783	0 30%
Sandy	city	101,531	118,161	121,032	124,030	0 70%
South Jordan	city	32,320	49,956	70,433	81,729	3 10%
South Salt Lake	city	18,084	19,473	21,621	22,991	0 80%
Taylorsville	city	53,974	59,883	67,367	71,907	1 00%
West Jordan	city	63,893	106,513	133,872	145,614	2 80%
Vest Valley City	city	103,753	121,631	142,683	148,834	1 20%
alt Lake	uninc	173,868	184,954	251,542	325,353	2 10%
UTAH	COUNTY	368,536	503,039	615,480	689,586	2 11%
Alpine	city	7,146	9,874	11,752	15,675	2 65%
Amencan Fork	city	21,941	27,787	32,573	35,583	1 62%
Cedar Fort	town	341	500	632	738	2 61%
Cedar Hills	town	3,094	6,807	9,663	10,133	4 03%
Draper (pt )	city	0	4758	7,833	10,448	4 01%
Eagle Mountain	town	2,157	9,758	16,756	22,770	8 17%
Elk Ridge	town	1,838	3,093	4,391	5,024	3 41%
Genola	town	965	1,565	2,392	4,744	5 45%
Goshen	town	874	1250	1,682	1,970	2 75%
Highland	city	8,172	14,940	20,120	23,564	3 59%
Lehi	city	19,028	31,302	44,437	48,975	3 20%
Lindon	city	8,363	10,711	11,918	13,020	1 49%
Mapleton	city	5,809	9,403	14,928	20,990	4 38%
Orem	city	84,324	96,039	100,020	103,000	0 67%
Payson	city	12,716	20,606	27,750	30,583	2 97%
Pleasant Grove	city	23,468	27,334	30,415	33,226	1 17%
Provo	city	105,166	118,607	130,814	134,687	0 83%
Salem	city	4,372	7,351	12,101	17,016	4 63%
Santaquin	city	4,834	9,822	16,865	24,263	5 52%
Saratoga Springs	town	1,003	8,993	18,005	23,450	11 08%
Spanish Fork	city	20,246	27,693	32,745	35,771	1 92%
Spnngville	city	20,424	28,866	34,132	37,286	2 03%
*Ineyard	town	150	968	4056	5703	12 89%
Woodland Hills	town	941	1,891	3,247	4,014	4 95%
Utah	uninc	11,164	23,121	26,253	26,953	2 98%



Municipal Engineening Transportation Engineening Development Engineening NEPA Environmental Service's

November 10, 2003

Division of Solid & Hazardous Waste Attn Mr Carl Wadsworth P O Box 144880 Salt Lake City, Utah 84114-4880

RE Anticipated groundwater impacts on the proposed Class VI Landfill m Saratoga Springs, Utah

Dear Mr Wadsworth,

Mr Clay Peck of Peck Rock Products, Inc has asked me to perform a brief evaluation of the anticipated impact that groundwater may have on his proposed Class VI Landfill in Saratoga Springs, Utah

I have researched the approximate elevation of Utah Lake and the well-drillers logs for four of the wells near this proposed landfill site. This information has been shown in graphic form on sheet 2 of 7 of the Peck Rock Class VI Landfill Permit Drawings, and is being shown in tabular form below

Point	Existing	Approximate	Depth
Number	Ground	Groundwater	to
	Elevation	Elevation	Groundwater
Utah Lake	n/a	4483'	n/a
Well no 1	4568'	4496'	72'
Well no. 2	4545'	4457'	88'
Well no 3	4570'	4495'	75'
Well no 4	5790'	5626'	164'
Landfill Site A	4855' (top) 4755' (bottom)	Groundwater Anticipated at 95' depth	No Groundwater Encountered Site Excavated to approx 100' depth
Landfill Site B	4870' (top) 4815' (bottom)	Groundwater Anticipated at 95' depth	No Groundwater Encountered Site Excavated to approx 55' depth

By comparing the existing ground elevations to the approximate groundwater elevations at each point, an approximate groundwater elevation profile can be developed for this area. Based on this anticipated groundwater elevation profile, it can be deduced that the groundwater elevation at the most-western

end of the Landfill Site A should be approximately 4765' (see attached Ground Water Profile exhibit) However at the deepest point, Landfill Site A was excavated to an approximate depth of 4755', with no trace of groundwater

Likewise, the anticipated groundwater elevation for Landfill Site B is 4775' Landfill Site B has been excavated to an approximate depth of 4815', and no groundwater has been encountered

Mr Clay Peck has indicated that during the excavation of this pit, that the soil strata generally consisted of 10'- 15' thick clay layers (with some layers approaching a thickness of nearly 30') inter-bedded with 2'-4' thick layers of rock, sloping east to west (towards the hillside)

In conclusion, it appears that the thick clay layers surrounding these proposed landfill sites have kept the surrounding groundwater at a lower elevation than would be normally expected. It would also seem that these same clay layers would keep any possible landfill contaminants from negatively affecting the surrounding groundwater because these contaminants could not easily travel through the clay layers beneath the existing pit

Accompanying this letter, I have attached the above-mentioned Groundwater Elevation Profile and Sheet 2 of 7 of the Permit Drawings Please feel free to call me if you have any questions concerning this information

Sincerely,

Brad A Kenison, P E



4500

4100

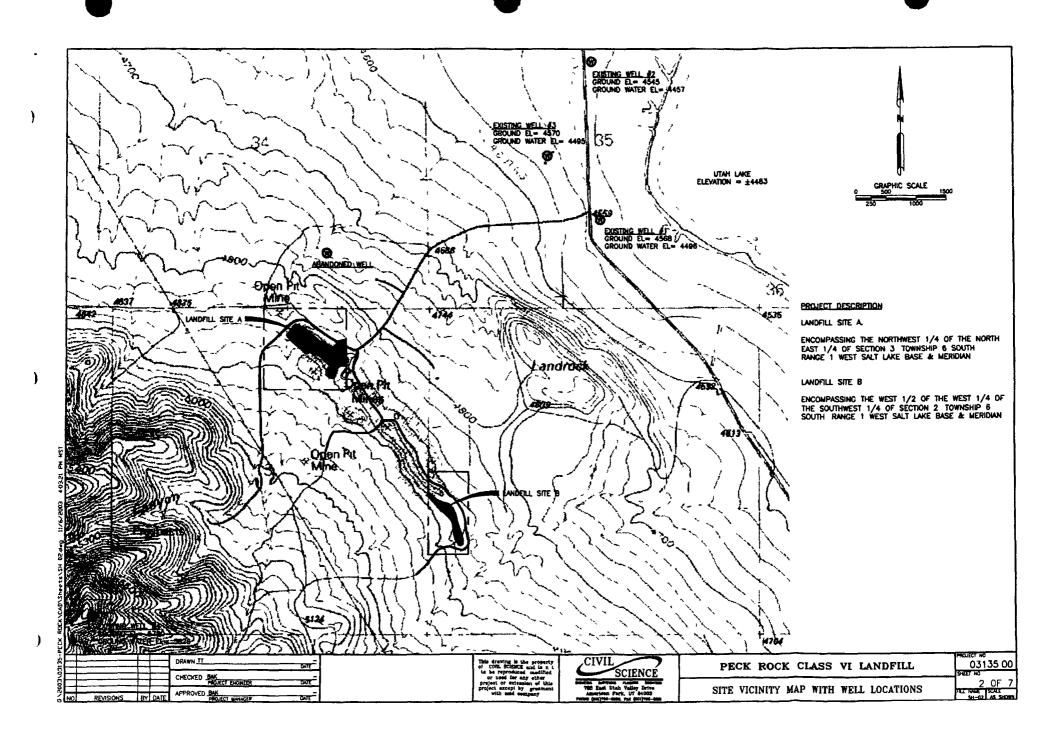
well #1

ELEVATION (Pert) well #4 6500 EXISTING GROUND ÉLEVATIO GROUND JATER MTICIPATED GROUND WATER ExistiNG BEVATION LANDFILL SITE A EXSTING Existing CLAY PIT DEPTH=100 ANTICIPATED GEONDWATER DEPTH = 95'

DISTANCE FROM UTAH LAKE (feet)

1000

500



\_\_ WLi

### WELL DRILLER'S REPORT

## State of Utah Division of Water Rights al space use "Additional Well Data Form

For additional space, use "Additional Well Data Form" and man CEIVED

		nonal space, use "Add	itional we	II Daja Fo	rm" and train (; FIVEDVIV
11 Identification	PROVISION	AL WELL: 93-54	-001-P-(	)1	AXIG 2 3 1993
Owner Note any oh	Jacobs, J	th 5920 West			WATER RIGHTS
		Contact Perso	n/Engineer_		
Well Location No	nic arry changes				
Location Decemption	SECTION 3	0 feet EAST 2005, TOWNSHIP 5S, ty to buildings, landmarks, gr	, RANGE	IW, SLE	3&M.
Dnllers Activity					
Check all that apply		8-13-93 ndon □Replace □Public			Date 8-17-93
DEPTH (feet) FROM TO	BOREHOLE DIAMETER (in)	DRILLING	<del></del>	**************************************	DRILLING FLUID
0 145'	6"	Air Rotary	,		Air
Well Log	w P UNCONSC	OLIDATED CONSOLIDATED			
DEPTH (feet) FROM TO	M	C B O O O T A B U H B L E L D R L E E S R	COLOR	(incl	DESCRIPTIONS AND REMARKS lude comments on water quality if known)
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10' 12'	K XX		11		
12' 65'	XXX	ų i i	11		
65' 100'	X YY		//		
100' 114'	XXX		11		
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116' 118'	XXX		)1	,	
118' 140'	XX	1 Limestone	Blue	Redan	id Blue Limestone + clay
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		ent above ground surface_	~	eet Temper	rature O° C O° F
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	on Infor		·					<del></del>			
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FROM	то	CASING TYPE AND MATERIALIORAGE	WALL THICK (IN)	NOMINAL DIAM (III)	FROM	то	SLOT SIZE OR PERF SIZE (IN)	SCREEN DIAM OR PERFLENGTH (In)	SCREEN TYPE OR NUMBER PER (per round/interv		
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Form 113-534-12-60

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rtesian pressurefeet above land surface Data	the b	et of	י קייק	mor	419a	gp at	نتوه	elie	á	-y-	/ 1/2 // C ///
PARECEIVED (11) FLOWING WELL.	Name	£	AS	ياً لا	12	7 4	<u>~</u>	e	Ν		V WEIL DEILLING
Caniralled by (sheek) Yaira	Addre	- 4	Brron	Ö	_ ;	30	-oraŭ	00) 	14	18	Leh, (Type print)
The File   Gap   Plus   Ne Oentmt	(Sign		P	ر	10	1	7	-2	צי		staman
/   T   A   C   Does well look around dealing? Yes	(mgi	-4/	. <del></del>		7		-	/3	ζŸ	أتوتا	Driller
No 🖈	Licen	e Ne	4.5	>	_	-	n-		14	_	- 0 2- 188



Form t]7-5N-(1-6) REPORT OF WELL DRILLER Application No. A-6/73/ ded: B. C ..... T B..... T B..... STATE OF UTAH Ctalm No. Coordinate Na.54-603 GENERAL STATEMENT Report of well driller is hereby made and filed with the State Enginess, in accordance with the laws of Utah (This report shall be filed with the State Engineer within 30 days after the completion or abandonment of the wall. Failure to file such reports constitutes a misdemeanor) (1) WELL-OWNER
Name H Faul Mendenhall (12) WELL TESTS Drawdown le the distance in fact the water local le low-ared halow statis level. Was a pump tast analy? Ten | Ma | 15 se, by whose? Addres 26 5 South 100 WAST Leby HT 8 \_\_\_\_ gal /min with\_\_\_\_\_\_ feet drowd:we atter\_\_\_ (2) LOCATION OF WELL County Le Za W Ground Water Besty... Bailor tatt /4 gal/min with /2 foot drawdewa after 2 South 1300 fees Sant 50 feet from 1/Con Atterion flow .... (13) WELL LOG | Intermeter of well 6 Depth drilled 163\_\_\_\_feet, Depth of completed well 5/ out words not needed) MOTE Fince on "R" in the space or comissation of spaces needed to designate the statestal or combination of materials occurrently a seck depth interval. Dader REMARES make any destrable notes as in converse of water and the color size, nature sts. of meterial an countered in such depth internal like additional short if needed. (3) NATURE OF WORK (cheek) New Well Replacement Well | Despuning | Repair | Abandos | Il absades majt, describe centerial and tunesdure t.... MATERIAL REMARKS (4) NATURE OF USE (check) Domestie - Industrial | Municipal | Stockwater tilon O titioing | Gther | Test Well | a (5) TYPE OF CONSTRUCTION (check) Botary Dng Cable Driven C 59 104 X 152 123 X \_\_\_\_feet to..... \_\_\_feet Gere\_\_ Raject [] Used D (7) PERFORATIONS Perforetted? Tee | No the Type of perferator used ..... Bire of perferations ..... \_\_ perforations trem.\_\_\_ \_\_\_\_perforetiess frees.\_\_\_ \_\_feet to. (8) SCREENS West serven installed! Yes No E Madel No. Djam ... Blot sies ... ... Sei from ...... Diam. (2) CONSTRUCTION well gravel packed? You | No | Sine of gravel .... Was a surface and possibled? Ten (1 No | 1 No what dwth? 45 feet Material met in seel Bantonice Did var etrata cootala nassable water? Yes 🔲 \_\_\_\_ Depth of strets. lype of weter ..... ... .... Work statted NOV // 19 F Completed Nov. Mathed of scatter strate att ..... (14) PUMP N. B Wat surface cosing pand? Yee 🛮 Manataslarer's M Was it comented in plans? Yes 📮 No 🗆 (10) WATER LEVELS Static level \_ 8. 8 ... foot deslew land sturface Date NOV 27 /80 Artesian presure deceived (11) FLOWING WELL DLU 1993 Cop | Plus | Pone well leek ground coal No Date Lieunes No 5 Date Lie O'SHAMGHI CALT LAKE

HER OFERE SING FOR ACCITIONAL BEMIEWS

Bonn 1U-5M-1240

Exembred 9-15-70-V 6

B- ind B c 9-15-70-V 6

1 1lm Sheet 10-1-20 FM-1

Copied 10-1-70 FM1

LAPSED

REPORT OF WELL DRILLER

STATE OF UTAH

Application No. 40740 (54-130)
Claim No.
Coordinate No. C. - (a - 2) 3 C.C.

GENERAL STATEMENT Report of well driller is hereby made and filed with the State Engmeer, in accordance with the laws of Utah (This report shall be filed with the State Engineer within 80 days after the completion or abandonment of the well Failure to file such reports constitutes a misdemeanor)

										-				
(1) WELL OW	NER	-	(12)	WE	LL	T	ES	TS			Draw red	dow	n le	the distance in feet the water level is low-
iomo NALPA	W DAVIS			pump										br whom?
			Yield		-		geL,	/ml	• *	rith.	~-			test drawdawn after hours
(2) LOCATION	OF WELL		ļ											
County O	Ground Water Beale (leave blank)													feet drawdown efter hours
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Separate .		4			-	=		-	_	_	<u>- '</u>	/ 66	e e b	rwical analysis mads? Nb [] Yes []
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(10) WATER L	EVELS		Depth	to pun	p or	, po	wlae	٠	_		ã.			feet
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Municipal Engineering Transportation Engineering Development Engineering NEPA Environmental Services

January 14, 2004

Division of Solid & Hazardous Waste Attn Mr Carl Wadsworth P O Box 144880 Salt Lake City, Utah 84114-4880

RE Run-on Control for the proposed Class VI Landfill in Utah County, Utah

Dear Mr Wadsworth,

On Friday, July 9, 2004 Mr Clay Peck of Peck Rock Products, Inc requested that I provide an evaluation indicating whether or not the run-on control proposed on maps 3 and 4 is adequate to divert the 25-year storm flows away from his proposed Class VI Landfill in Utah County, Utah

As part of this evaluation, I have re-visited each of the proposed landfill sites I have also calculated the anticipated 25-year storm run-on to each of the proposed sites The results of my evaluation of each of these proposed landfill sites are shown below

#### Proposed Landfill Site A (Northern Site)

- a) The original Site Map 3 of 7 submitted as part of the permit application indicated the need for a "proposed drainage ditch" along the southwestern portion of the landfill. After re-visiting the site, it was noted that an existing 3-foot to 6-foot high berm currently protects the landfill from overland storm flows from the south. See sheets 3, 5, and 7 of 7 for updates concerning the existing drainage berm
- b) Drainage calculations indicate that the anticipated 25-year storm flows along this berm will not exceed 0 1 cubic feet per second (cfs), and that the berm will easily direct these flows away from the proposed landfill Site A
- c) Drainage calculations and photographs of this berm are shown withm the attached Appendix A

#### Proposed Landfill Site B (Southern Site)

a) The original Site Map 4 of 7 submitted as part of the permit apphication indicated the need for a "proposed drainage ditch" along the south and west sides of the landfill After re-visiting the site it was noted that, in many locations, a berm currently protects the landfill from overland storm flows from the west. This berm vanes in height from about 30-mich high in some areas, to over 6-feet high in others. Some locations were not protected by a berm, so this drainage berm will need to be constructed as part of the landfill project. See sheets 4, 6, and 7 of 7 for updates concerning these existing and proposed drainage berms.

768 E. Utah Valley Drive American Fork UT 84003 Teleptione 801 756 8889 Facs trite 801 756 8884 www.civitstienne.com

- b) Drainage calculations for the west side of this site were split into two areas because some areas of the storm drainage will dram northerly, while others will drain southerly. Northerly draining flows are not expected to exceed 1.2 cfs, whereas southerly flows are expected to approach about 3.3 cfs. Drainage calculations indicate that the existing and proposed berms will be adequate to direct 25-year flows away from the proposed landfill site B.
- c) Drainage calculations and photographs of the existing berms within this area are shown within the attached Appendix B

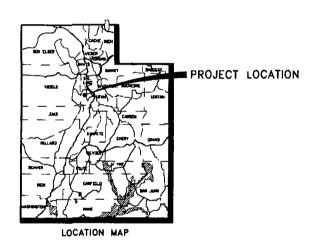
In Conclusion, the existing and proposed berms along the south side of landfill site A and along the south and west sides of landfill site B will be adequate to divert the 25-year storm flows away from each of the proposed Class VI Landfill sites

Please feel free to call me if you have any questions concerning this information (360-6763)

Sincerely,

Brad A Kenison, P E

# PECK ROCK CLASS VI LANDFILL PERMIT DRAWINGS

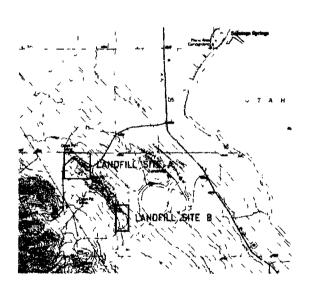


#### SHEET INDEX

- 1 COVER SHEET
- 2 SITE VICINITY MAP WITH WELL LOCATIONS
- 5 SITE MAP LANDFILL SITE A
- 4 SITE MAP LANDFILL SITE B
- 5 CROSS SECTIONS LANDFILL SITE A
- 6 CROSS SECTIONS LANDFILL SITE B

**JANUARY 2004** 

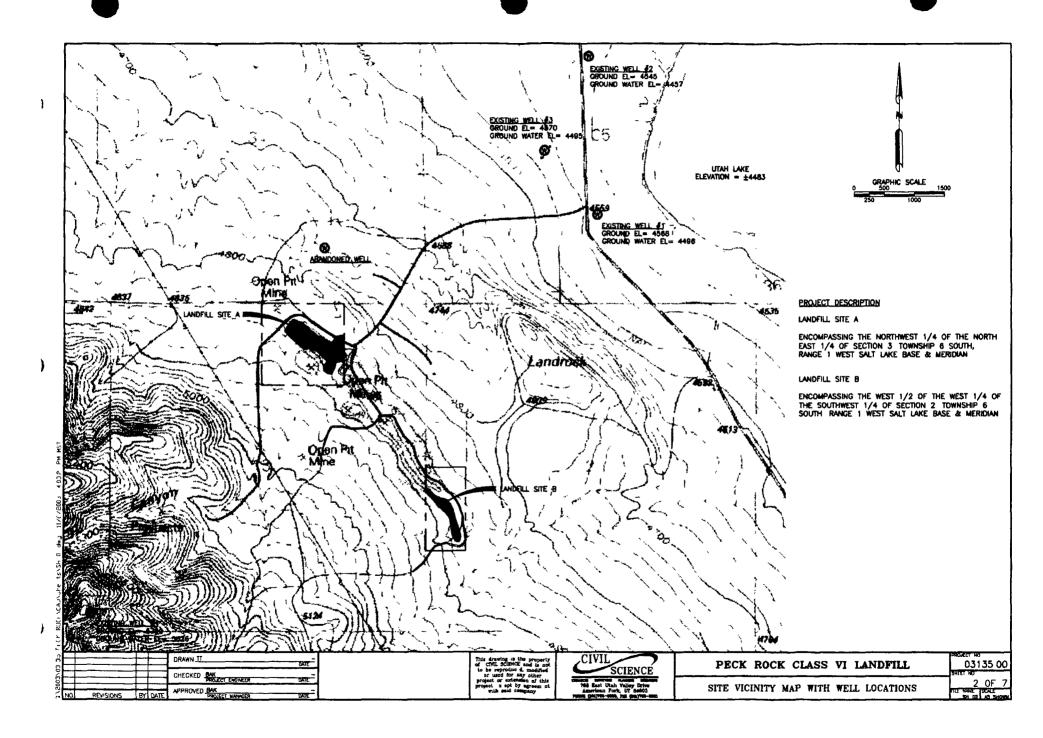
7 MISCELLANEOUS DETAILS

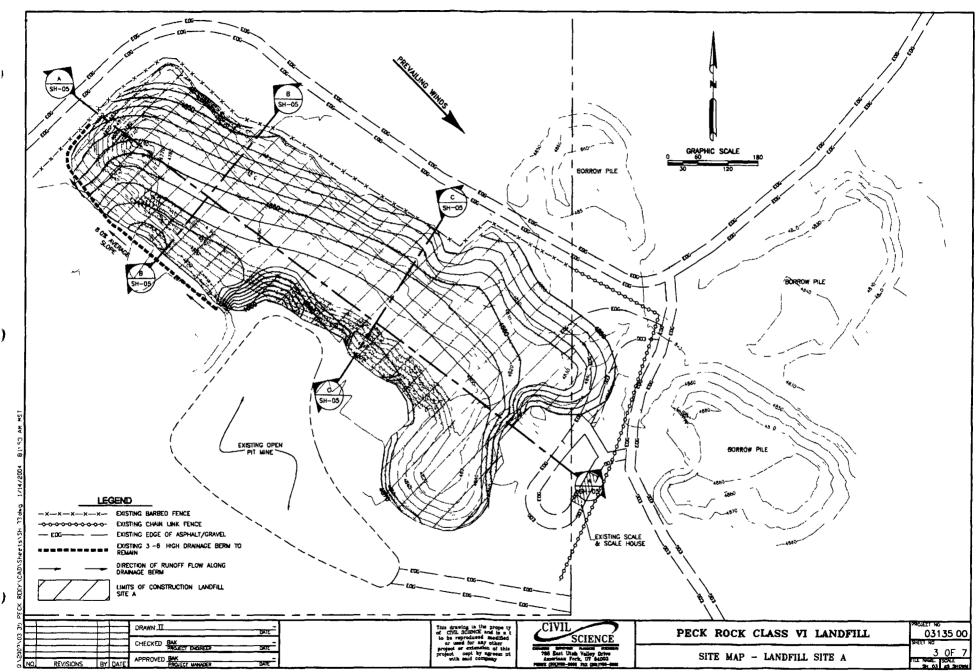


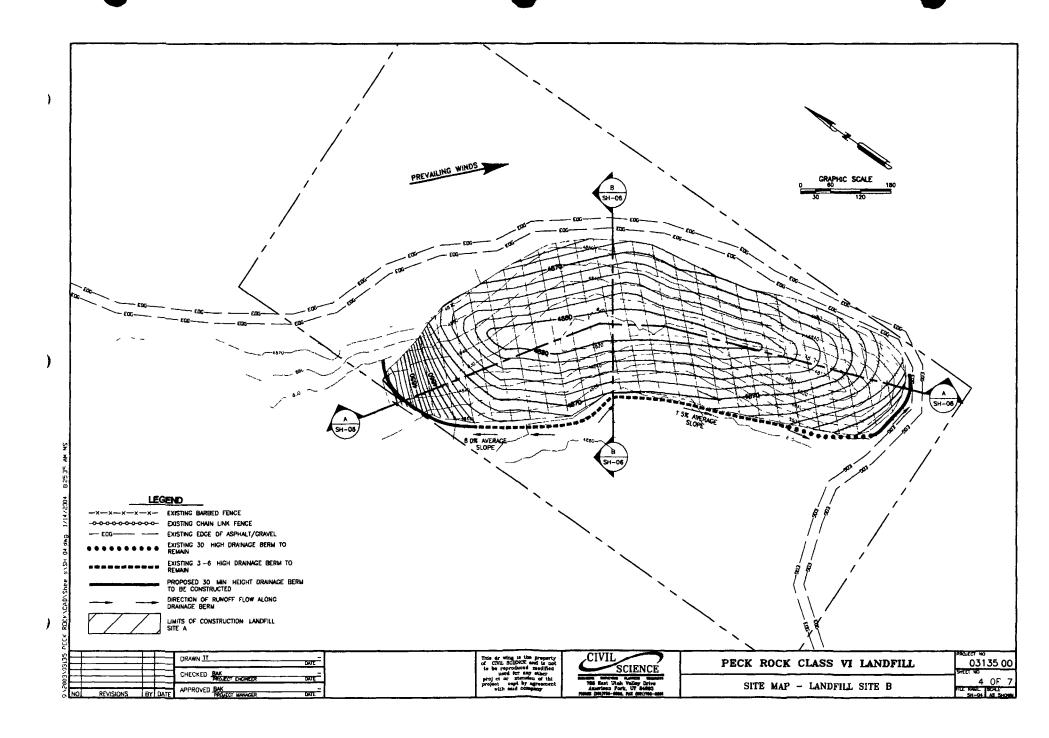


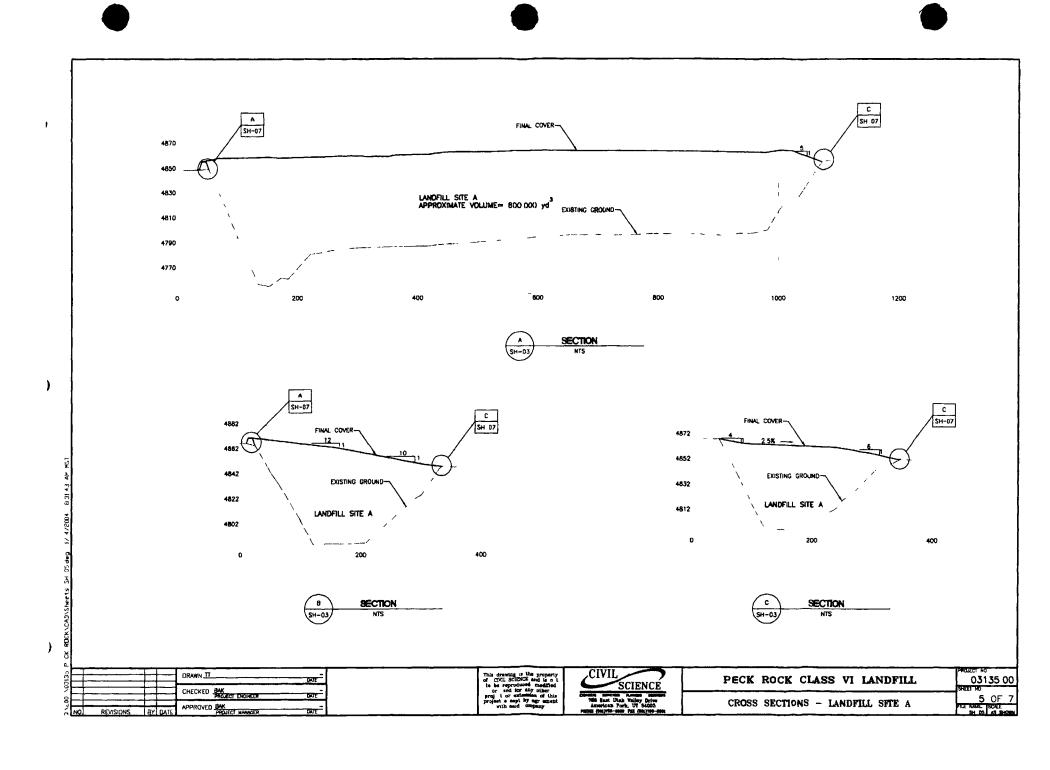
rnencess - surverous - planners - scients 768 East Ulah Valley Drive American Fork UT 84003 (801) 756-8888

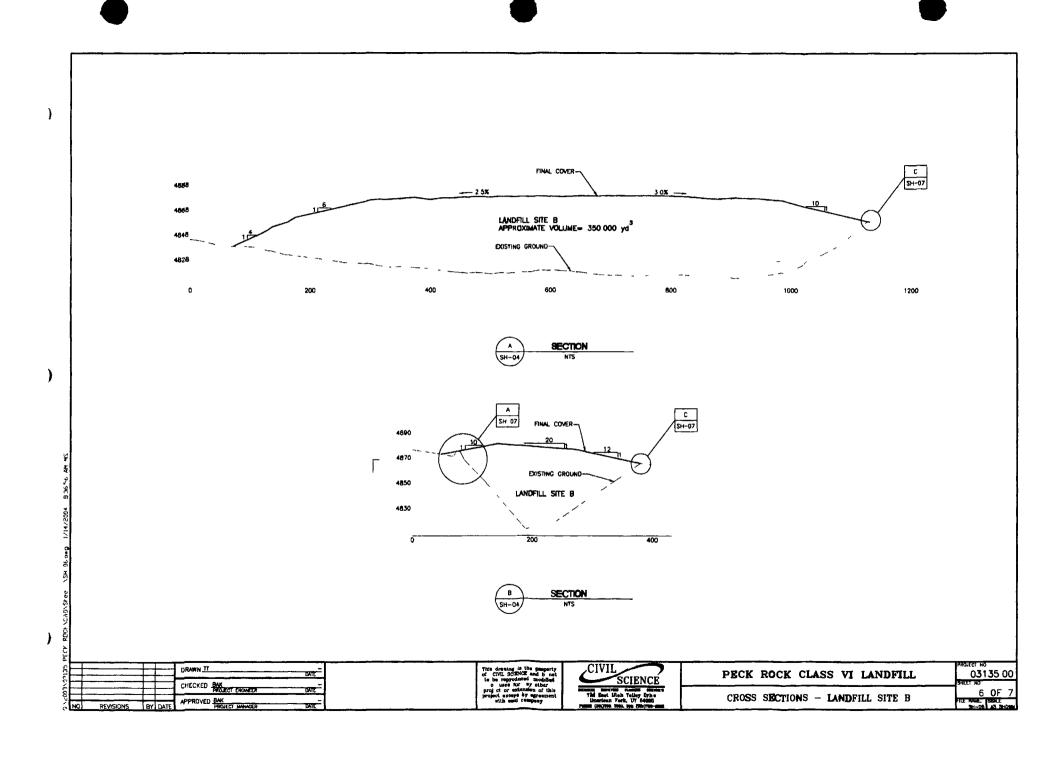
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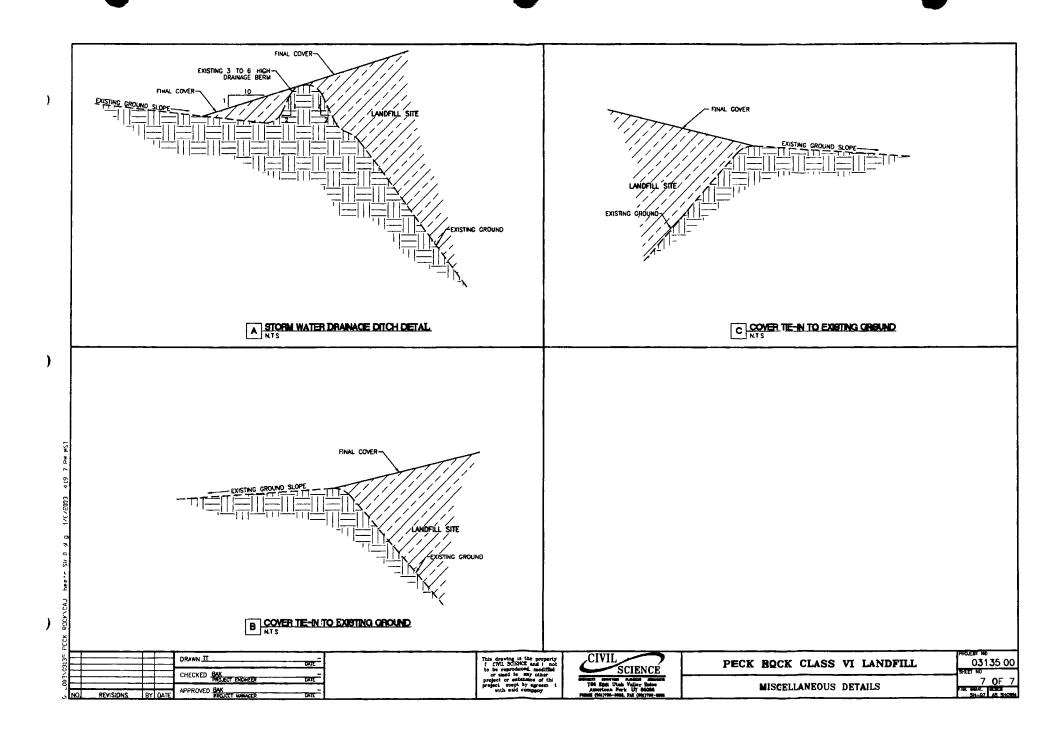




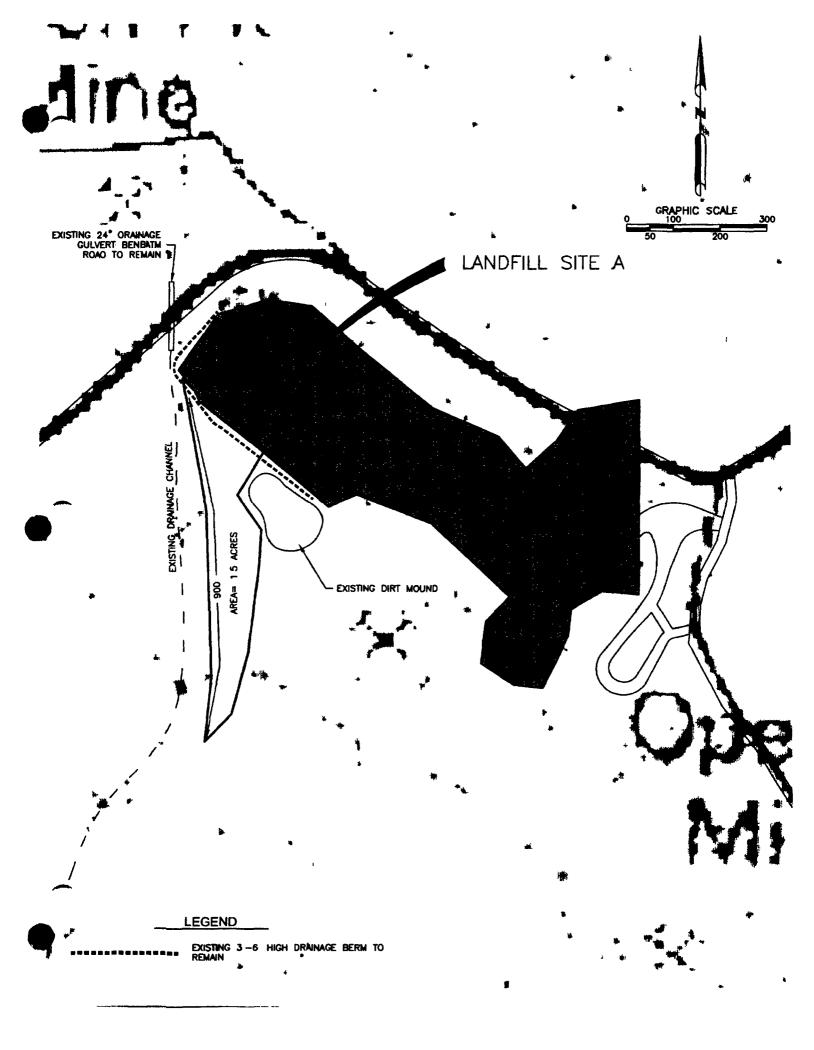








## **APPENDIX A**



CIVIL	
	SCIENCE

CLIENT PECK ROCK Products JOB NO 03135.00 PROJECT PROPOSED LANDFILE SITE A MADE BY BAIK \_\_\_\_\_ DATE 1-13-04

**ENGINEERS - SURVEYORS - PLANNERS - SCIENTISTS** 

CHECKED BY \_

PROPOSED LANDFILL SITE A - NORTHERN PIT \* CALCULATE ANTICIPATED 25-YEAR STORM FLOWS GIVEN: DEAINAGE AREA = 1.5 ACRES

AVERAGE EXIST. GROWD SUPE = 5.6 %

AVERAGE "C" FACTOR = 0.2 FLOW CALCULATION Q = CIA TO OBTAIN I, colculate Ta Te- (Using figure 3-2), (ALCULATE VELOCITY Given ground slope = ± 5.6% GROUND COVER TYPE = Between stort gross/ posture ? MEARLY BARE GROUND

From VELOCITY = ± Z flace

Te = (900 ft / 1 min) = 7.5 minuted

Use Higher Intensity of 10 min. Sterm

Intensity (FROM UTAH LAKE LEHI TABLE) In= 0.31 inches/Hour

Q = CIA = (0.2)(0.31)(1.5) = 0.093 cfs USE Min. FLOW = 0.1 cfs

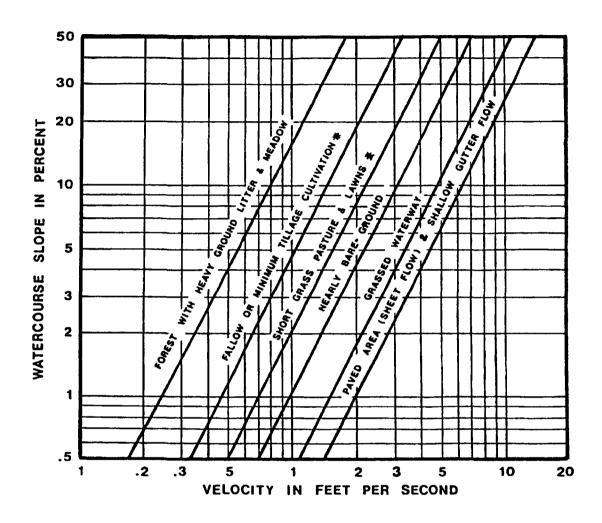


FIGURE 3-2. ESTIMATE OF AVERAGE FLOW VELOCITY FOR USE WITH THE RATIONAL FORMULA

\* MOST FREQUENTLY OCCURRING "UNDEVELOPED" LAND SURFACES IN THE DENVER REGION

REFERENCE "Urban Hydrology For Small Walershada" Technical Release No 55 USDA, SCS Jan 1975

5~1-84 URBAN DRAINAGE & FLOOD CONTROL DISTRICT



## UTAH STATE UNIVERSITY Logan, Utah

## ESTIMATED RETURN PERIODS FOR SHORT-DURATION PRECIPITATION IN UTAH

Station Utah Lake Lehi Latitude. 40° 22'

Eievation 4497 Longitude 111° 54°

DURATION

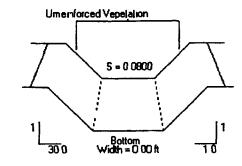
	5 Min		15 40 30 Min * Min					12 Hr	24 Hr
1	.09	.14	.17 .24	.30	.35	.39	.51	.61	.72
2	.11	.18	.22 .31	.39	.46	.53	.69	.84	.99
5	.15	.24	.30 .42	.53	.63	.73	.97	1.19	1.41
10	.17	.27	.34 , <sup>58</sup> .47	.59	.72	.84	1.14	1.41	1.69
25	.20	.31	.39,14.55	.69	.85	1.01	1.39	1.73	2.09
50	.23	.36	.45 .5\ .62	.79	.97	1.15	1.59	1.98	2.39
100	.26	.40	.51 .70	.89	1.10	1.30	1.79	2.23	2.69

RETURN PERIOD

North American Green Erosion Control Materials Design Software Ver 4.11 Channel | 1/14/200 09-26AM COMPUTED BY | bak | PROJECT NAME | Peck Rock Landfill Site A | PROJECT NO 03135 00 | FROM STATION/REACH | TO STATION/REACH | DRAINAGE AREA 1.5 Acres | DESIGN HYDRAULIC RESULTS

DESIGN FREQUENCY 25 Year

Discharge (cfs)	Peak Flow Penod (hrs)	Velocity (fps)	Area (sq ft)	Hydraulic Radius(ft)	Normal Depth (ft)
01	12.0	0.17	0 57	0.09	019



#### **BEND RESULTS**

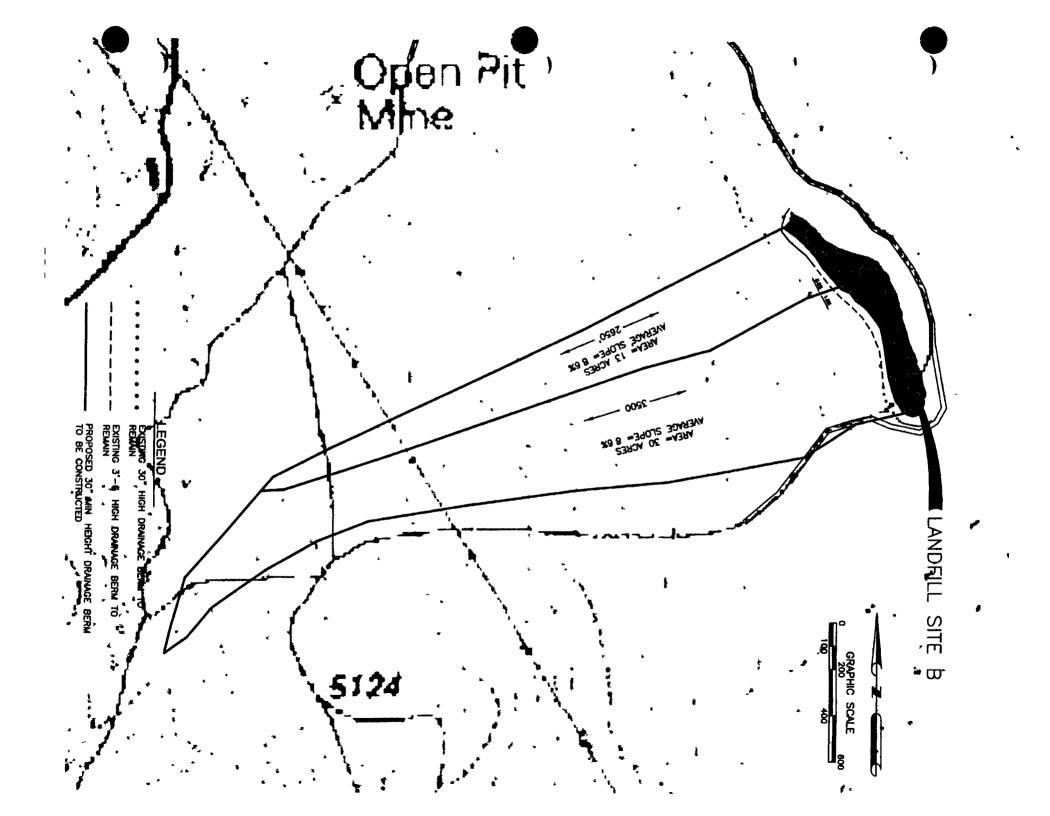
Bend Radius	Length	Super Elevation
(fl)	Protection (ft)	Depth (ft)
1000.0	0.1	02

#### **LINER RESULTS**

Not to Scale

Reach Ma	Material Type	Phase	Veg. Type	Soil Type	Mannings n'	Permissible	Calculated	Safety	Remarks
	Staple Patiern	Class	Veg. Density		Į -	Shear Stress (psf)	Shear Stress (psf)	Factor	
Straight	Unremforced		Міх		0 500	3.33	0.96	3 47	STABLE
		D	<50%	Clay Loam		0 050	0 001	86.38	STABLE
Bend Unreinforced		Міх		0.500	3.33	0.96	3.47	STABLE	
		0	<50%	Clay Loam		0 050	0.00i	86.38	STABLE

## **APPENDIX B**



CLIENT PECK ROCK PRODUCTSOB NO
CIVIL PROJECT PROPOSED LANDFILL SITE B
SCIENCE MADE BY BAK DATE 1-13-04 (NORTHERN DEAN AGE
ENGINEERS - SURVEYORS - PLANNERS - SCIENTISTS CHECKED BYDATESHEETOF
PROPOSED LANDFILL SITE B - SOUTHERN PIT * NORTHERN DRAINAGE *
+ CALCULATE ANTICIPATED ZS-TEAR STURM FOR
GIVEN: DRAINAGE AREA = 13 ACRES  AVERAGE Existing GROUND SCOPE = 8.67.  AVERAGE "C" FACTOR = 0.2
FLOW CALCULATION Q=CIA
TO OBTAIN I, CALCULATE TE
Te (Using figure 3-2), CALCULATE VELOCITY GIVEN GROUND SLOPE = 8.6 76 GIVEN GROUND LOVER = Botween Short Gro Posture ? Nearly Bore GROUND
From VELOCITY = 2.5 ft/sec
$T_{c} = \left(\frac{2650'}{2.5\%}\right) \left(\frac{1}{60}\right) = 1766$ min $\left(\frac{2.5\%}{2.5\%}\right) \left(\frac{1}{60}\right) = 1766$
USE Higher To VALUE OF 20 min.
I (INTENSITY) - FROM Utah LAKE LEHI TABLE
In = 0.44 in/hr

Frow = Q = CIA = (0.70)(0.44)(13) = 1.14USE min. Frow of 1.7 cfs

CIVIL	
	SCIENCE

CLIENT PECK POCK	PODUCTS JOB NO	03135.	00
PROJECT PROPOSED	LANDFILL	SITE	B
PROJECT PROPOSED  MADE BY BAK	DATE 1-13-04	Souther Dzain	AGE )

ENGINEERS - SURVEYORS - PLANNERS - SCIENTISTS

CHECKED BY \_\_\_\_\_\_ DATE\_\_\_\_\_ SHEET\_\_\_\_ OF \_\_

PROPOSED LANDFILL SITE B- SOUTHERN PIT

\* SOUTHERN DRAINAGE \*

\* CALCULATE ANTICIPATED 25- YEAR STORM FLOWS

GIVEN: DRAINAGE AREA = 30 ACRES

ANERAGE Exist GROUND SLOPE = 8.6 %

AVERAGE "C" FACTOR = 0.2

FLOW CALCULATION Q = CIA

TO OBTAIN I, CALCULATE To

To Cusing figure 3-2) CALCULATE VELOCITY
GIVEN GROUND SCOPE = 8.6 70
GIVEN GROUND LOVER = Between SHORT GRASS/
PASTURE & NEARLY BARE GROUND.

FLOW VELOCITY =  $\pm$  Z.5 ft/sec  $T_{c} = \left(\frac{3500}{7.5 \text{ /sec}}\right) \left(\frac{1 \text{ min}}{60 \text{ sec}}\right) = 23.33 \text{ min}$ 

USE HiGHER INTENSITY of 30 min. Storm
INTENSITY (I) - from Utoh LAKE LEHI TABLE

T30 0.65 M/hr

Fiow = Q = (IA = (0.20)(0.66)(30) = 3.3 cfs USE min. From of 3.30 cfs

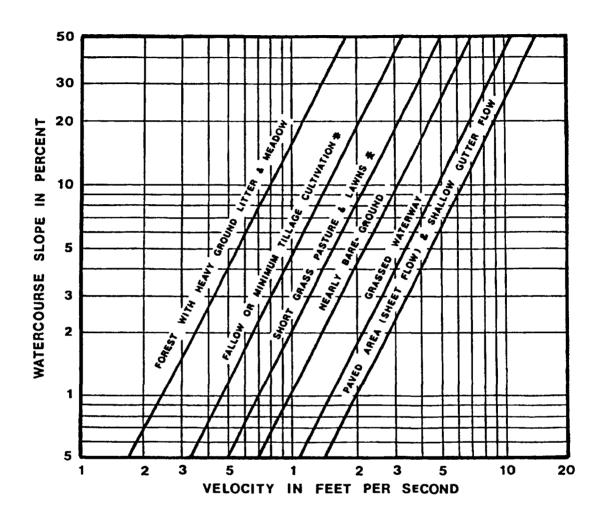


FIGURE 3-2. ESTIMATE OF AVERAGE FLOW VELOCITY FOR USE WITH THE RATIONAL FORMULA

\* MOST FREQUENTLY OCCURRING "UNDEVELOPED" LAND SURFACES IN THE DENVER REGION

REFERENCE "Urban Hydrology For Small Watershads" Technical Release No 55 USDA, SCS Jan 1975

5-1-84 URBAN DRAINAGE & FLOOD CONTROL DISTRICT



### UTAH STATE UNIVERSITY

### Logan, Utah

## ESTIMATED RETURN PERIODS FOR SHORT-DURATION PRECIPITATION IN UTAH

Station Utah Lake Lehi Latitude: 40° 22'

Elevation: 4497 Longitude: 111° 54'

#### DURATION

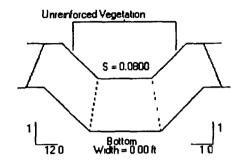
	5 Min	10 Min	15 0 30 Hin " Min	1 Hr	2 Hr	3 Hr	6 Hr	12 Hr	24 Hr
1	.09	.14	.17 .24	.30	.35	.39	.51	.61	.72
2	.11	.18	.22 .31	.39	.46	.53	.69	.84	.99
5	.15	.24	.30 .42	.53	.63	.73	.97	1.19	1.41
10	.17	.27	.34 <sup>38</sup> .47	.59	.72	.84	1.14	1.41	1.69
25	.20	.31	.39,14.55	.69	.85	1.01	1.39	1.73	2.09
50	.23	. 36	.45 .51 .62	.79	.97	1.15	1.59	1.98	2.39
100	.26	.40	.51 .70	.89	1.10	1.30	1.79	2.23	2.69

RETURN PERIDO

North American Green Erosion Control Materials Design Software Ver 4.11 Channel
PROJECT NAME Peck Rock Landfill Site B
FROM STATION/REACH North TO STATION/REACH DI el |1/14/200|09:59 AM|COMPUTED BY bak |PROJECT NO 03135 00 |DRAINAGE AREA. 13 Acres | |DESIG

**HYDRAULIC RESULTS** 

Discharge (cfs)	Peak Flow Penod (hrs)	Velocity (fps)	Area (sq.ft)	Hydraulic Radius[ft]	Normal Depth (ft)
12	120	0 40	3 00	0.33	0 68



#### **BEND RESULTS**

Bend Radius	Length Protection (ft)	Super Elevation Depth (ft)
1000 0	0.3	0.7

#### LINER RESULTS

Not to Scale

DESIGN FREQUENCY 25 Year

Reach	Material Type Staple Pattern	Phase Class	Veg. Type Veg. Density	Soil Type	Mannings n		Calculated Shear Stress (psf)	Safety Factor	Remarks
	Unreinforcad	1	Mm		0 500	3.33	3 39	0.98	UNSTABLE
		0	<50%	Clay Loam		0.050	0.002	24 43	STABLE
Bend	Unreinforced		Mix		0 500	3 33	3 39	0.38	UNSTABLE
	<u> </u>	D	<50%	Clay Loam	†	0.050	0 002	24 43	STABLE

Horth American Green Erosion Control Materials Design Software Ver 4.11 Channel 11/14/200/10:00 AM COMPUTED BY bak

PROJECT NAME Peck Rock Landfill Site B FROM STATION/REACH South TO

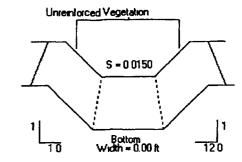
PROJECT NO 03135 00 DRAINAGE AREA 30 Acres

TO STATION/REACH

DESIGN FREQUENCY 25 Year

#### **HYDRAULIC RESULTS**

Discharge (cfs)	Peak Flow Penod (his)	Vdocity [fps]	Area (sq.ft)	Hydraulic Radius(ft)	Normal Depth (ft)
33	120	0,27	12 00	0 66	1 36



#### **BEND RESULTS**

Bend Radius	Length	Super Elevation
(ft)	Protection (ft)	Depth (ft)
1000.0	0.7	14

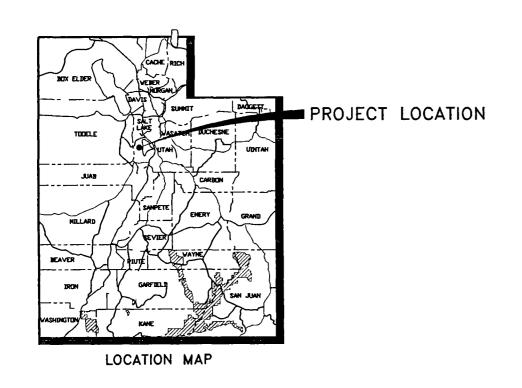
#### **UNER RESULTS**

Not to Scale

Reach Mate	Material Type	Phase	Veg Type	Soil Type	Mannings 'n	Permissible	Calculated	Safety	Remarks
	Staple Patiern	Class	Veg. Density			Shear Stress (psf)	Shear Stress (psf)	Factor	
Straight Unren	Unremforced		Max		0 500	3.33	1 27	262	STABLE
	1	D	<50%	Clay Loam		0 050	0 001	65.14	STABLE
Bend Unreinforced	Unreinforced		Mix		0 500	3.33	1 27	262	STABLE
		D	<50%	Clay Loam		0 050	0 001	65.14	STABLE

### PECK ROCK CLASS ☑ LANDFILL

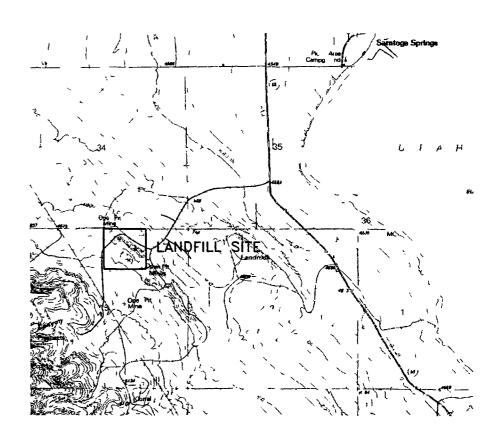
## PERMIT DRAWINGS



#### SHEET INDEX

- COVER SHEET
- 2 SITE VICINITY MAP WITH WELL LOCATIONS
- 3 SITE MAP LANDFILL SITE
- 4 CROSS SECTIONS LANDFILL SITE
- 5 MISCELLANEOUS DETAILS

FEBRUARY 2009





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